HR Vertilog

Magnetic Flux Leakage Inspection

Advanced Analysis

Company	Southern California Gas Company
Well	Fernando Fee 35A
Field	Aliso Canyon
County	Los Angeles
State	California

Location:

Section 34	Township 3N	Range 16W	

Date	Aug. 12, 2016
Service Order	US108886J
Recorded by	Sid Gornto
Witnessed by	Jeff Sandoval
API Serial No.	04-037-21457

Permanent Datum:	G.L.	Elevation: 1674.000 ft.		Depth	7232.000
Log Measured From:	K.B.	15.000 ft. above Perm. Datum		Btm. Log Interval	27.730
Drilling Measured From:	K.B.	15.000 ft. above Perm. Datum		Top Log Interval	6996.750
				Fluid Type	K.C.L.

Casing Data

Size	Weight	Grade	From	To	Length
8 5/8 inch	36.0 lb/ft	J-55 (HR Std)	0	5741	5741.0
8 5/8 inch	36.0 lb/ft	N-80	5741	7039	1298.0
13 3/8 inch	54.5 lb/ft	K-55	0	790	790.0
6 5/8 inch	24.0 lb/ft	K-55 (Liner)	6990	7223	233.0

Software Version 6.0.0.0

Equipment Data

Run	Trip	Tool Type	Tool Series	Serial Number	Position
1	1	HRVRT MFL	4997	PA10409822	LOWER
1	1	HRVRT MFL	4997	QA10409830	UPPER
1	1	HRVRT TELEM	4993	10360727	

Calibration Data

Calibration File Name	4997-8-001-QA10409830-L.CAL
Date of Calibration	06/16/2016 16:01

Calibration Identifier	A00C9D82-DCC8-4973-8454-0F98E8079F2F
Tool Number	4997-00
Calibrator Number	4997-8-001
Calibrator Size	(8-5/8 In - 219 mm)
Calibration Source File	20160616_141623_MEM.MVL
Calibration Software Rev	Microvision 32-bit 7.3.4.0
Comment	RMA1333

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In making interpretations of logs our employees will give customer the benefit of their best judgment. But since all interpretations are opinions based on inferences from electrical or other measurements, we cannot, and we do not guarantee the accuracy or correctness of any interpretation. We shall not be liable or responsible for any loss, cost, damages, or expenses whatsoever incurred or sustained by the customer resulting from any interpretation made by any of our employees.

Remarks

Original field log was measured from K.B. 15 FT AGL.

Interpretation

HRVRT analysis was depth correlated to SLB GR/Neu/CCL logged 18 Aug 2016

The top joint (JT-1) and joint 165 (JT-165) are short joints.

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  28.75 ft   Hardware - External Casing Head Response.
 801.69 ft   Hardware - Bottom of 13 3/8" External Casing.
1961.76 ft   Hardware - Centralizer
2161.52 ft   Hardware - Centralizer
2422.04 ft   Hardware - Centralizer
2587.38 ft   Hardware - Centralizer
2713.06 ft   Hardware - Centralizer
2870.69 ft   Hardware - Centralizer
3028.58 ft   Hardware - Centralizer
3271.26 ft   Hardware - Centralizer
3385.61 ft   Hardware - Centralizer
3547.64 ft   Hardware - Centralizer
3708.85 ft   Hardware - Centralizer
3868.51 ft   Hardware - Centralizer
4030.61 ft   Hardware - Centralizer
4157.71 ft   Hardware - Centralizer
4284.43 ft   Hardware - Centralizer
4492.62 ft   Hardware - Centralizer
4649.58 ft   Hardware - Centralizer
4728.82 ft   Hardware - Centralizer
4810.08 ft   Hardware - Centralizer
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4968.22 ft Hardware - Centralizer
5134.88 ft Hardware - Centralizer
5339.88 ft Hardware - Centralizer
5506.16 ft Hardware - Centralizer
5631.37 ft Hardware - Centralizer
5831.78 ft Hardware - Centralizer
5990.59 ft Hardware - Centralizer
6155.19 ft Hardware - Centralizer
6313.71 ft Hardware - Centralizer
6478.63 ft Hardware - Centralizer
6630.33 ft Hardware - Centralizer
6796.56 ft Hardware - Centralizer
6925.40 ft Hardware - Centralizer

6949.5 - 6950.9 ft Logged Perforated Interval. Casing record indicates a cement squeeze 29 Jul 1978.

6961.50 ft Hardware - Possible Float Shoe, refer to casing record.

Interpretation was zoned for variable casing weights and grades.
5756.01 ft Collar - 8 5/8" Casing grade change; 36 lb/ft K-55 above and 36 lb/ft. N-80 below.

Joint Interpretation Summary

Joint	From	To	Length	Class	Max Depth	Position	Type	ID/OD
1	27.73	38.69	10.96	Class 1	-	-	-	-
2	38.69	79.51	40.82	Class 2	22.0%	57.14	ISO	ID
3	79.51	120.63	41.12	Class 1	-	-	-	-
4	120.63	162.89	42.26	Class 1	-	-	-	-
5	162.89	203.71	40.82	Class 1	-	-	-	-
6	203.71	241.39	37.68	Class 1	-	-	-	-
7	241.39	282.24	40.85	Class 1	-	-	-	-
8	282.24	323.54	41.30	Class 1	-	-	-	-
9	323.54	363.67	40.13	Class 1	-	-	-	-
10	363.67	404.77	41.10	Class 1	-	-	-	-
11	404.77	446.29	41.52	Class 1	-	-	-	-
12	446.29	486.01	39.72	Class 1	-	-	-	-
13	486.01	524.94	38.93	Class 1	-	-	-	-
14	524.94	566.84	41.90	Class 1	-	-	-	-
15	566.84	606.34	39.50	Class 1	-	-	-	-
16	606.34	648.27	41.93	Class 1	-	-	-	-
17	648.27	689.82	41.55	Class 1	-	-	-	-
18	689.82	731.57	41.75	Class 1	-	-	-	-
19	731.57	773.13	41.56	Class 1	-	-	-	-
20	773.13	813.47	40.34	Class 1	-	-	-	-
21	813.47	855.18	41.71	Class 1	-	-	-	-
22	855.18	892.55	37.37	Class 1	-	-	-	-
23	892.55	934.50	41.95	Class 1	-	-	-	-
24	934.50	974.07	39.57	Class 1	-	-	-	-
25	974.07	1014.45	40.38	Class 1	-	-	-	-
26	1014.45	1052.18	37.73	Class 1	15.0%	1023.86	ISO	OD
27	1052.18	1091.83	39.65	Class 1	-	-	-	-
28	1091.83	1132.97	41.14	Class 1	-	-	-	-
29	1132.97	1171.25	38.28	Class 1	-	-	-	-
30	1171.25	1213.07	41.82	Class 1	-	-	-	-
31	1213.07	1254.10	41.03	Class 1	-	-	-	-
32	1254.10	1284.74	30.64	Class 1	-	-	-	-
33	1284.74	1325.75	41.01	Class 2	20.0%	1299.39	ISO	OD

33	1284.74	1325.75	41.01	Class 2	20.0%	1299.39	ISO	OD
34	1325.75	1367.05	41.30	Class 1	-	-	-	-
35	1367.05	1401.28	34.23	Class 1	15.0%	1400.62	ISO	OD
36	1401.28	1443.08	41.80	Class 1	17.0%	1404.13	ISO	OD
37	1443.08	1480.89	37.81	Class 1	-	-	-	-
38	1480.89	1522.55	41.66	Class 1	-	-	-	-
39	1522.55	1562.90	40.35	Class 1	-	-	-	-
40	1562.90	1602.90	40.00	Class 1	-	-	-	-
41	1602.90	1642.64	39.74	Class 1	-	-	-	-
42	1642.64	1680.61	37.97	Class 1	-	-	-	-
43	1680.61	1719.34	38.73	Class 1	-	-	-	-
44	1719.34	1760.88	41.54	Class 1	-	-	-	-
45	1760.88	1801.00	40.12	Class 1	-	-	-	-
46	1801.00	1842.50	41.50	Class 1	-	-	-	-
47	1842.50	1882.06	39.56	Class 1	-	-	-	-
48	1882.06	1923.00	40.94	Class 1	-	-	-	-
49	1923.00	1961.85	38.85	Class 1	-	-	-	-
50	1961.85	2000.57	38.72	Class 1	-	-	-	-
51	2000.57	2040.47	39.90	Class 1	-	-	-	-
52	2040.47	2080.42	39.95	Class 1	-	-	-	-
53	2080.42	2121.50	41.08	Class 1	-	-	-	-
54	2121.50	2160.07	38.57	Class 1	16.0%	2155.47	ISO	OD
55	2160.07	2200.57	40.50	Class 1	-	-	-	-
56	2200.57	2237.06	36.49	Class 1	-	-	-	-
57	2237.06	2277.28	40.22	Class 1	-	-	-	-
58	2277.28	2308.83	31.55	Class 1	17.0%	2305.17	ISO	OD
59	2308.83	2342.17	33.34	Class 1	-	-	-	-
60	2342.17	2383.69	41.52	Class 1	-	-	-	-
61	2383.69	2423.70	40.01	Class 1	-	-	-	-
62	2423.70	2463.08	39.38	Class 1	-	-	-	-
63	2463.08	2505.14	42.06	Class 1	-	-	-	-
64	2505.14	2547.27	42.13	Class 1	16.0%	2523.30	ISO	OD
65	2547.27	2587.00	39.73	Class 1	-	-	-	-
66	2587.00	2629.52	42.52	Class 1	15.0%	2628.64	ISO	OD
67	2629.52	2668.95	39.43	Class 1	18.0%	2656.64	ISO	OD
68	2668.95	2710.33	41.38	Class 1	-	-	-	-
69	2710.33	2752.30	41.97	Class 2	25.0%	2716.80	ISO	OD
70	2752.30	2795.12	42.82	Class 1	-	-	-	-
71	2795.12	2832.09	36.97	Class 1	17.0%	2812.55	ISO	OD
72	2832.09	2872.10	40.01	Class 1	-	-	-	-
73	2872.10	2909.66	37.56	Class 1	-	-	-	-
74	2909.66	2950.89	41.23	Class 1	-	-	-	-
75	2950.89	2988.51	37.62	Class 1	-	-	-	-
76	2988.51	3030.10	41.59	Class 1	-	-	-	-
77	3030.10	3069.51	39.41	Class 1	-	-	-	-
78	3069.51	3109.86	40.35	Class 1	-	-	-	-
79	3109.86	3149.45	39.59	Class 1	15.0%	3148.83	ISO	OD
80	3149.45	3190.08	40.63	Class 1	-	-	-	-
81	3190.08	3232.20	42.12	Class 1	16.0%	3220.41	ISO	OD
82	3232.20	3274.17	41.97	Class 1	-	-	-	-
83	3274.17	3310.36	36.19	Class 1	-	-	-	-
84	3310.36	3351.33	40.97	Class 1	18.0%	3333.93	ISO	OD
85	3351.33	3385.66	34.33	Class 1	16.0%	3378.47	ISO	OD
86	3385.66	3426.21	40.55	Class 1	-	-	-	-
87	3426.21	3466.40	40.19	Class 1	-	-	-	-
88	3466.40	3506.92	40.52	Class 1	-	-	-	-
89	3506.92	3547.47	40.55	Class 1	-	-	-	-
90	3547.47	3588.73	41.26	Class 1	-	-	-	-
91	3588.73	3627.49	38.76	Class 1	-	-	-	-
92	3627.49	3668.61	41.12	Class 1	-	-	-	-
93	3668.61	3709.00	40.39	Class 1	-	-	-	-
94	3709.00	3748.16	39.16	Class 1	-	-	-	-
95	3748.16	3786.03	37.87	Class 1	-	-	-	-
96	3786.03	3828.29	42.26	Class 1	-	-	-	-

97	3828.29	3868.60	40.31	Class 1	-	-	-	-
98	3868.60	3910.90	42.30	Class 1	-	-	-	-
99	3910.90	3952.58	41.68	Class 1	-	-	-	-
100	3952.58	3989.02	36.44	Class 1	-	-	-	-
101	3989.02	4030.53	41.51	Class 1	-	-	-	-
102	4030.53	4073.42	42.89	Class 1	-	-	-	-
103	4073.42	4115.85	42.43	Class 1	-	-	-	-
104	4115.85	4157.90	42.05	Class 1	-	-	-	-
105	4157.90	4199.43	41.53	Class 1	-	-	-	-
106	4199.43	4241.71	42.28	Class 1	-	-	-	-
107	4241.71	4284.44	42.73	Class 1	-	-	-	-
108	4284.44	4324.98	40.54	Class 1	-	-	-	-
109	4324.98	4367.57	42.59	Class 1	-	-	-	-
110	4367.57	4409.20	41.63	Class 1	-	-	-	-
111	4409.20	4450.62	41.42	Class 1	-	-	-	-
112	4450.62	4492.65	42.03	Class 1	-	-	-	-
113	4492.65	4532.40	39.75	Class 1	-	-	-	-
114	4532.40	4574.32	41.92	Class 1	-	-	-	-
115	4574.32	4614.71	40.39	Class 1	-	-	-	-
116	4614.71	4649.61	34.90	Class 1	-	-	-	-
117	4649.61	4690.74	41.13	Class 1	-	-	-	-
118	4690.74	4729.04	38.30	Class 1	-	-	-	-
119	4729.04	4767.65	38.61	Class 1	-	-	-	-
120	4767.65	4810.24	42.59	Class 1	-	-	-	-
121	4810.24	4848.57	38.33	Class 1	-	-	-	-
122	4848.57	4888.91	40.34	Class 1	-	-	-	-
123	4888.91	4926.60	37.69	Class 1	-	-	-	-
124	4926.60	4968.33	41.73	Class 1	-	-	-	-
125	4968.33	5011.47	43.14	Class 1	-	-	-	-
126	5011.47	5053.24	41.77	Class 1	-	-	-	-
127	5053.24	5094.17	40.93	Class 1	-	-	-	-
128	5094.17	5135.05	40.88	Class 1	-	-	-	-
129	5135.05	5174.49	39.44	Class 1	-	-	-	-
130	5174.49	5216.71	42.22	Class 1	-	-	-	-
131	5216.71	5257.55	40.84	Class 1	-	-	-	-
132	5257.55	5298.24	40.69	Class 1	-	-	-	-
133	5298.24	5340.13	41.89	Class 1	-	-	-	-
134	5340.13	5380.69	40.56	Class 1	-	-	-	-
135	5380.69	5422.62	41.93	Class 1	-	-	-	-
136	5422.62	5464.43	41.81	Class 1	-	-	-	-
137	5464.43	5506.42	41.99	Class 1	-	-	-	-
138	5506.42	5547.66	41.24	Class 1	-	-	-	-
139	5547.66	5589.47	41.81	Class 1	-	-	-	-
140	5589.47	5631.34	41.87	Class 1	-	-	-	-
141	5631.34	5673.85	42.51	Class 1	-	-	-	-
142	5673.85	5713.68	39.83	Class 1	-	-	-	-
143	5713.68	5756.01	42.33	Class 1	-	-	-	-
144	5756.01	5794.57	38.56	Class 1	-	-	-	-
145	5794.57	5831.80	37.23	Class 1	-	-	-	-
146	5831.80	5869.92	38.12	Class 1	-	-	-	-
147	5869.92	5913.17	43.25	Class 1	-	-	-	-
148	5913.17	5949.42	36.25	Class 1	-	-	-	-
149	5949.42	5990.91	41.49	Class 1	-	-	-	-
150	5990.91	6031.56	40.65	Class 1	-	-	-	-
151	6031.56	6072.40	40.84	Class 1	-	-	-	-
152	6072.40	6114.11	41.71	Class 1	-	-	-	-
153	6114.11	6155.52	41.41	Class 1	-	-	-	-
154	6155.52	6196.63	41.11	Class 1	-	-	-	-
155	6196.63	6238.95	42.32	Class 1	-	-	-	-
156	6238.95	6275.04	36.09	Class 1	-	-	-	-
157	6275.04	6313.88	38.84	Class 1	-	-	-	-
158	6313.88	6356.57	42.69	Class 1	-	-	-	-
159	6356.57	6396.55	39.98	Class 1	19.0%	6368.83	ISO	OD

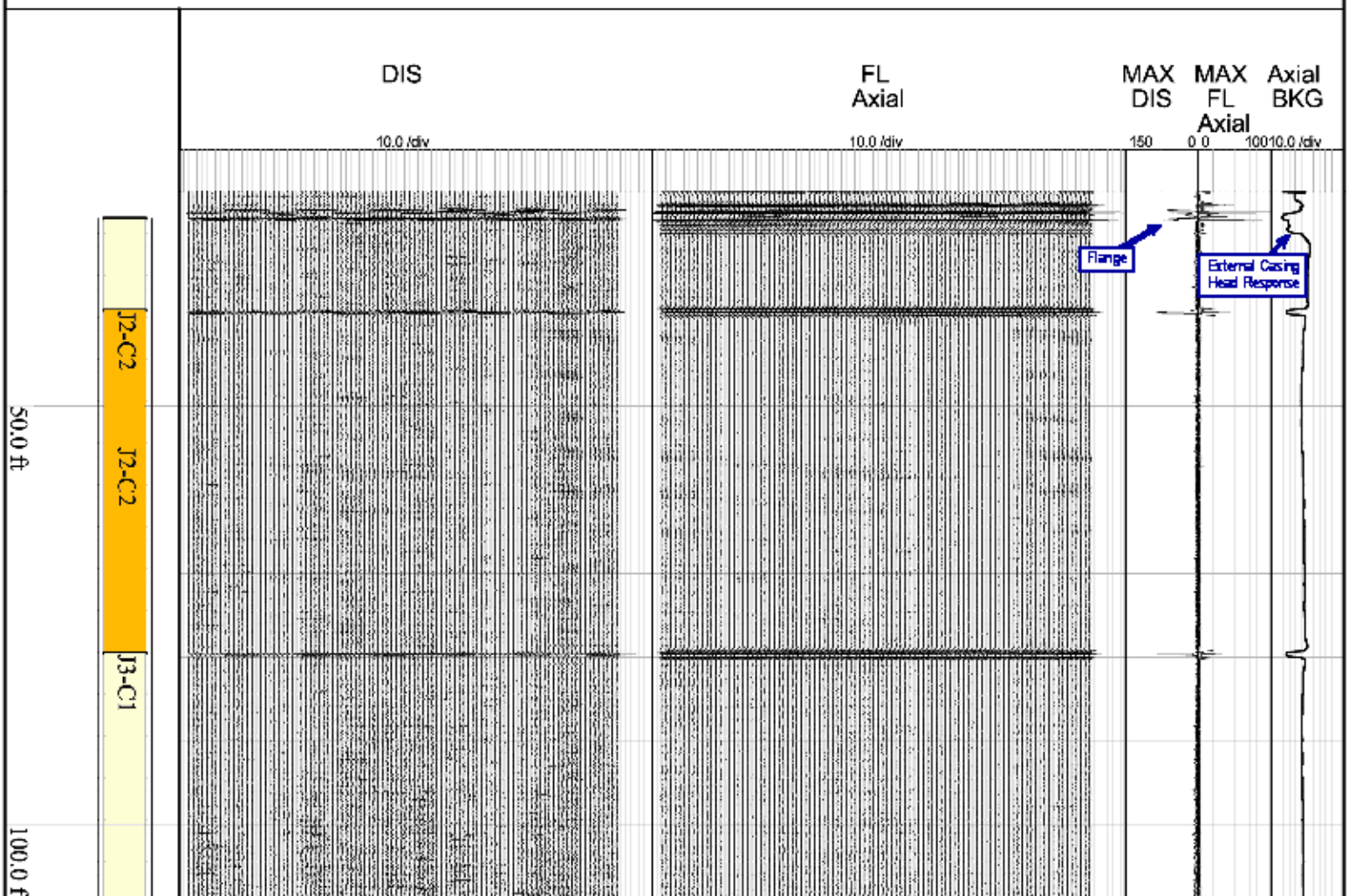
160	6396.55	6436.38	39.83	Class 1	-	-	-	-
161	6436.38	6478.85	42.47	Class 1	-	-	-	-
162	6478.85	6522.82	43.97	Class 1	-	-	-	-
163	6522.82	6564.96	42.14	Class 1	-	-	-	-
164	6564.96	6606.66	41.70	Class 1	-	-	-	-
165	6606.66	6630.50	23.84	Class 1	-	-	-	-
166	6630.50	6672.95	42.45	Class 1	-	-	-	-
167	6672.95	6713.23	40.28	Class 1	-	-	-	-
168	6713.23	6754.52	41.29	Class 1	-	-	-	-
169	6754.52	6796.71	42.19	Class 1	-	-	-	-
170	6796.71	6839.39	42.68	Class 1	-	-	-	-
171	6839.39	6881.47	42.08	Class 1	-	-	-	-
172	6881.47	6923.78	42.31	Class 1	-	-	-	-
173	6923.78	6963.36	39.58	Class 1	18.0%	6954.07	ISO	ID
174	6963.36	6996.75	33.39	Class 1	-	-	-	-

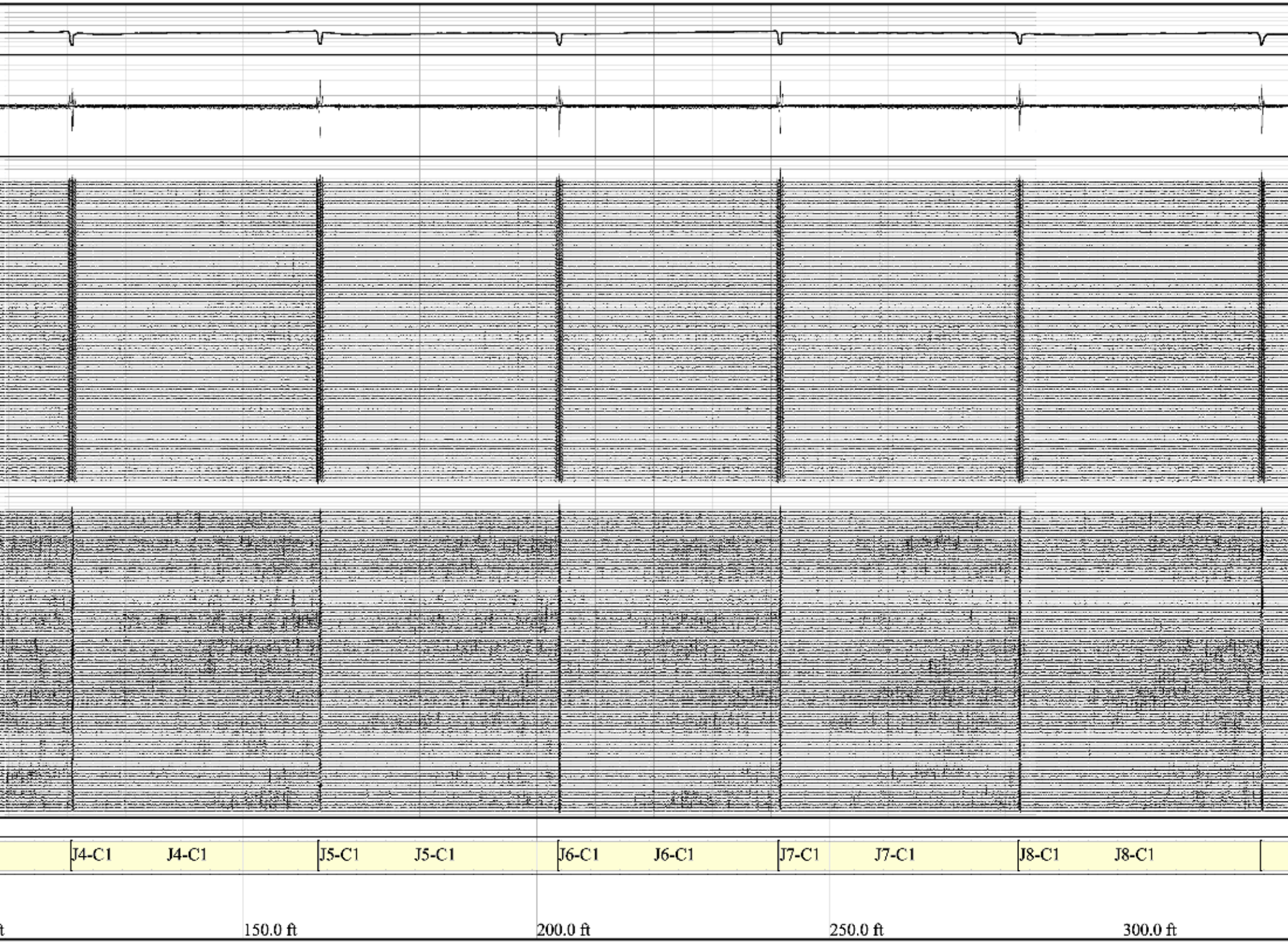
Southern California Gas Company Fernando Fee 35A

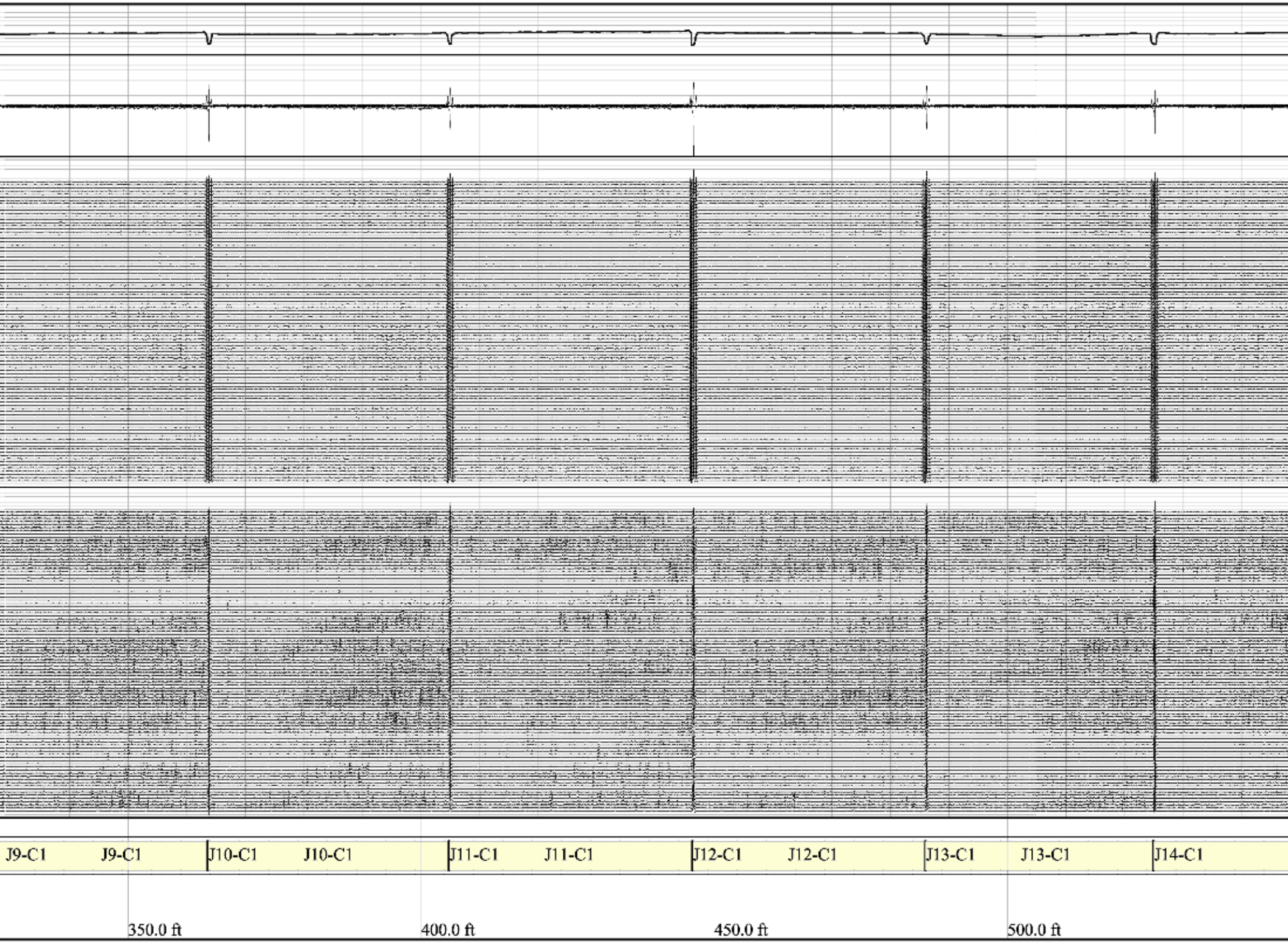
File 20160812_125858_RSP_0_0_0_0_0.mvl

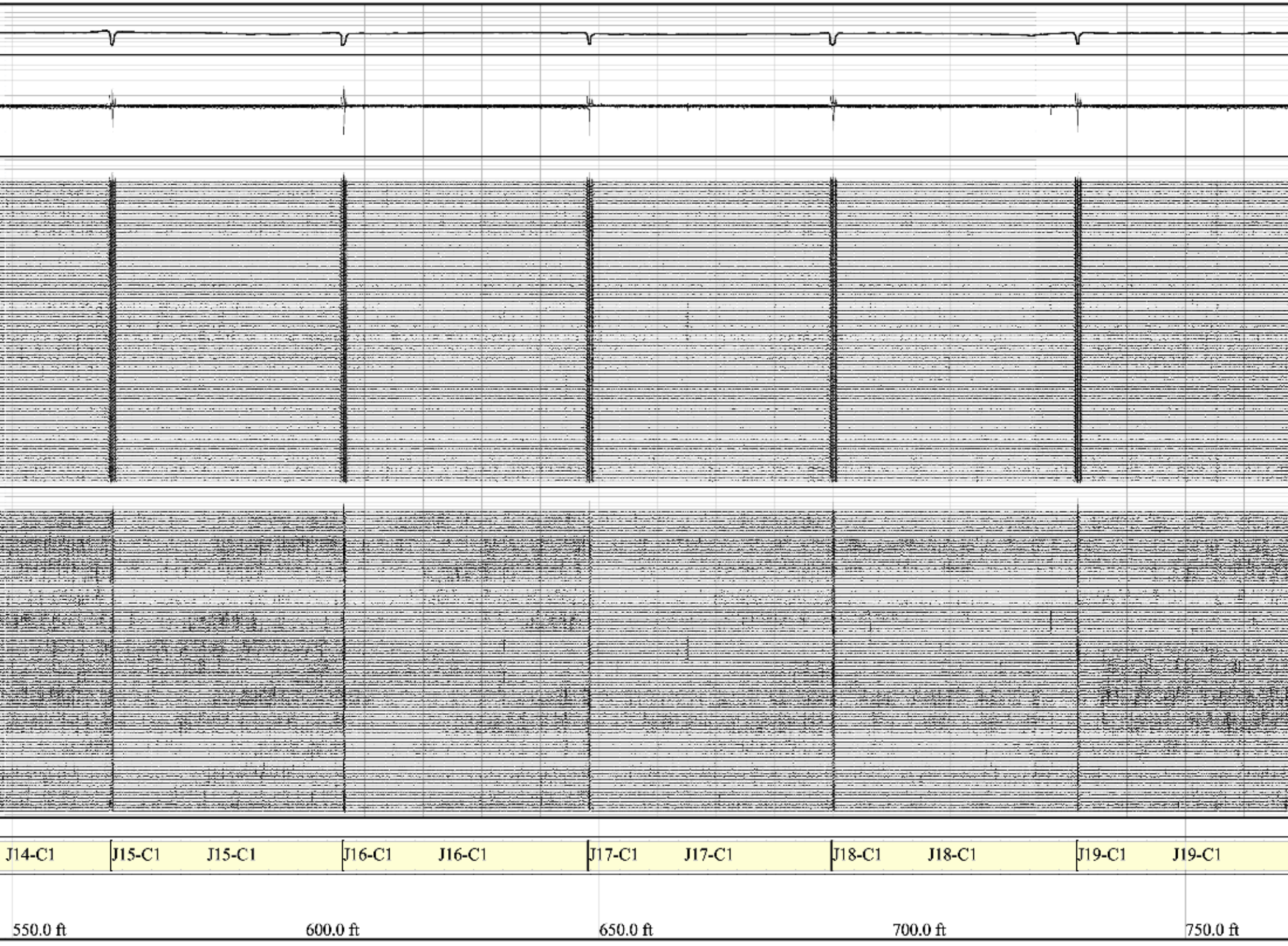
Main Log
5" / 100'

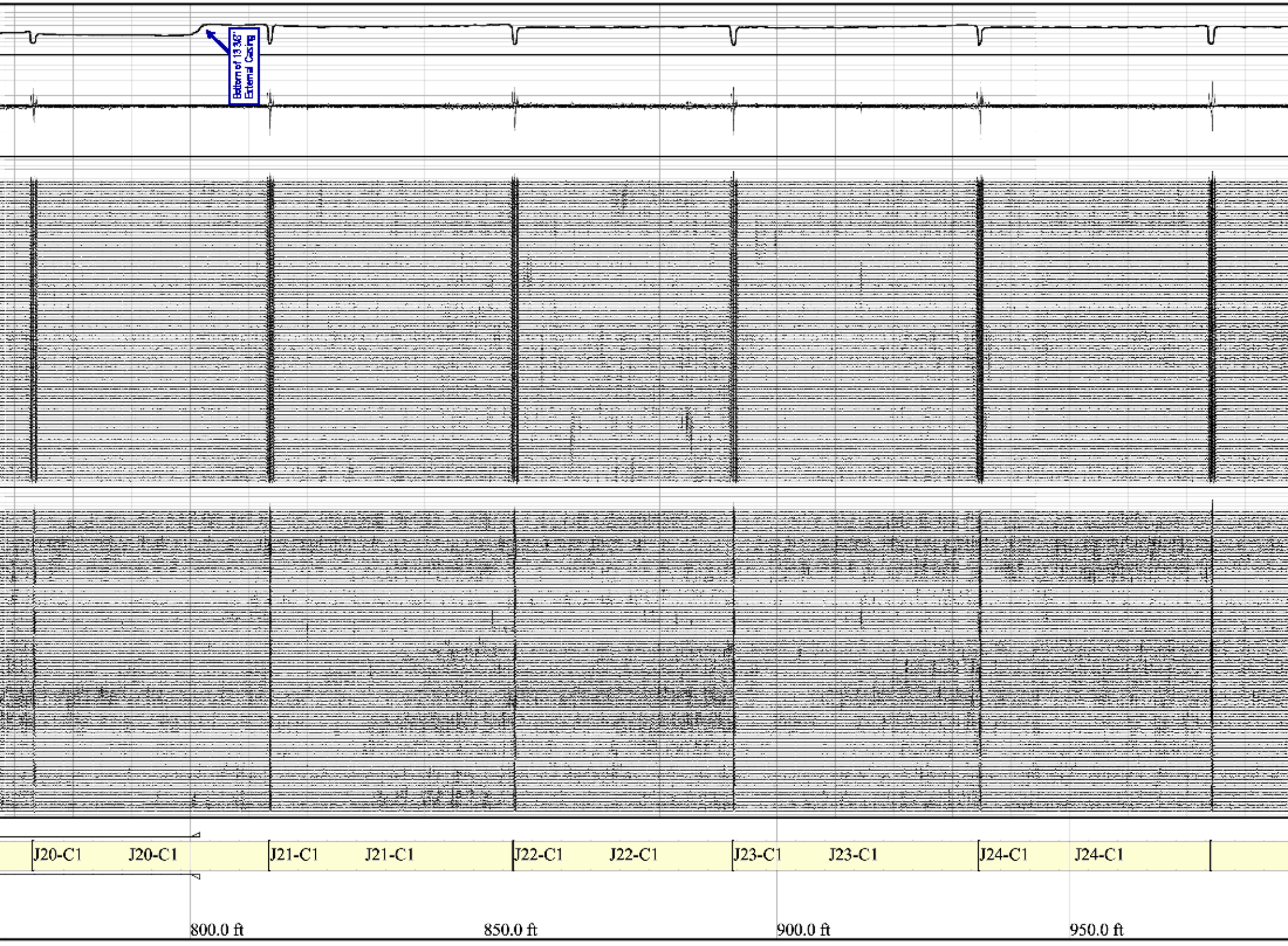
Class 1	Class 2	Class 3	Class 4
0 - 20%	20 - 40%	40 - 60%	60 - 100%

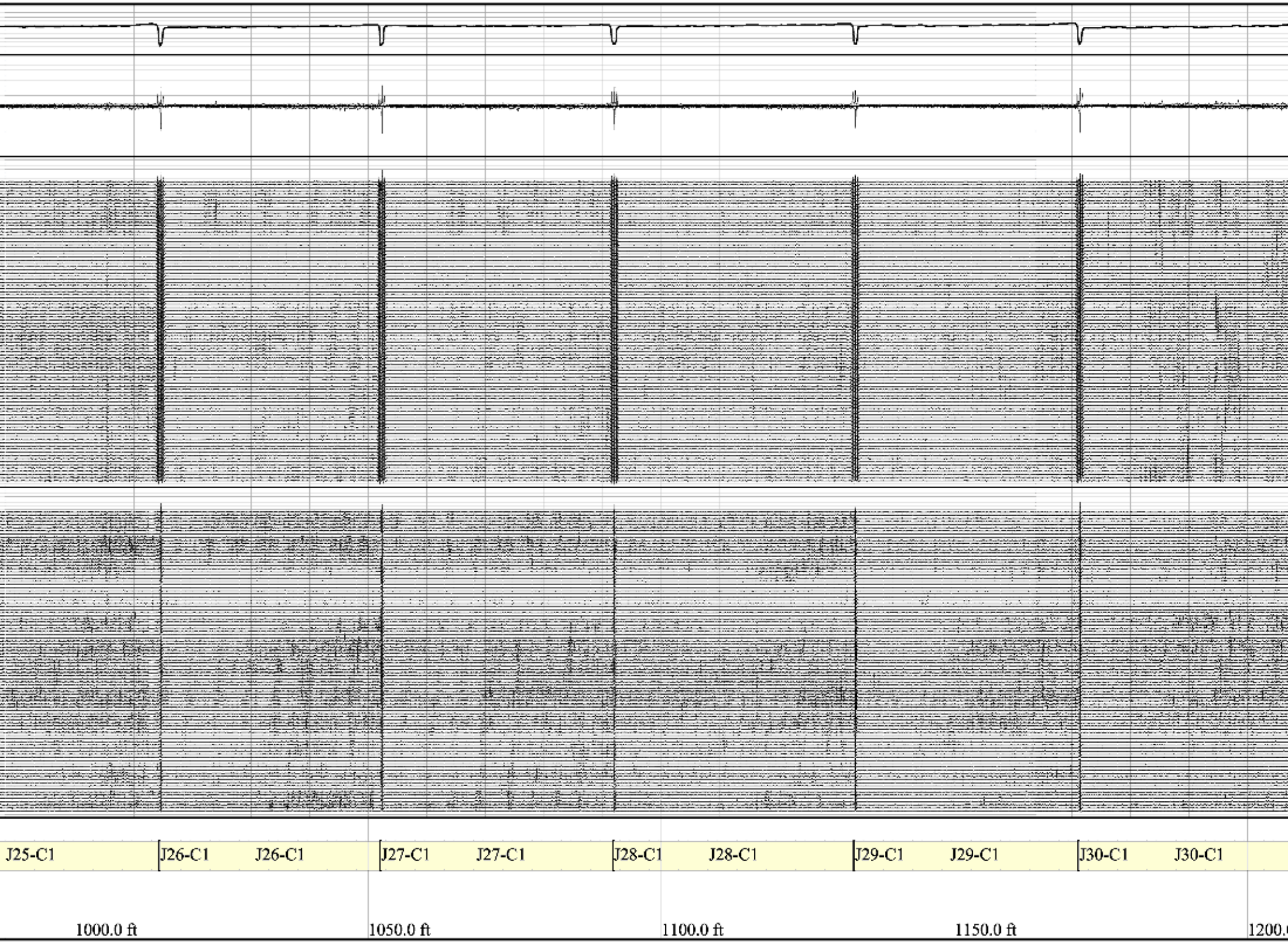


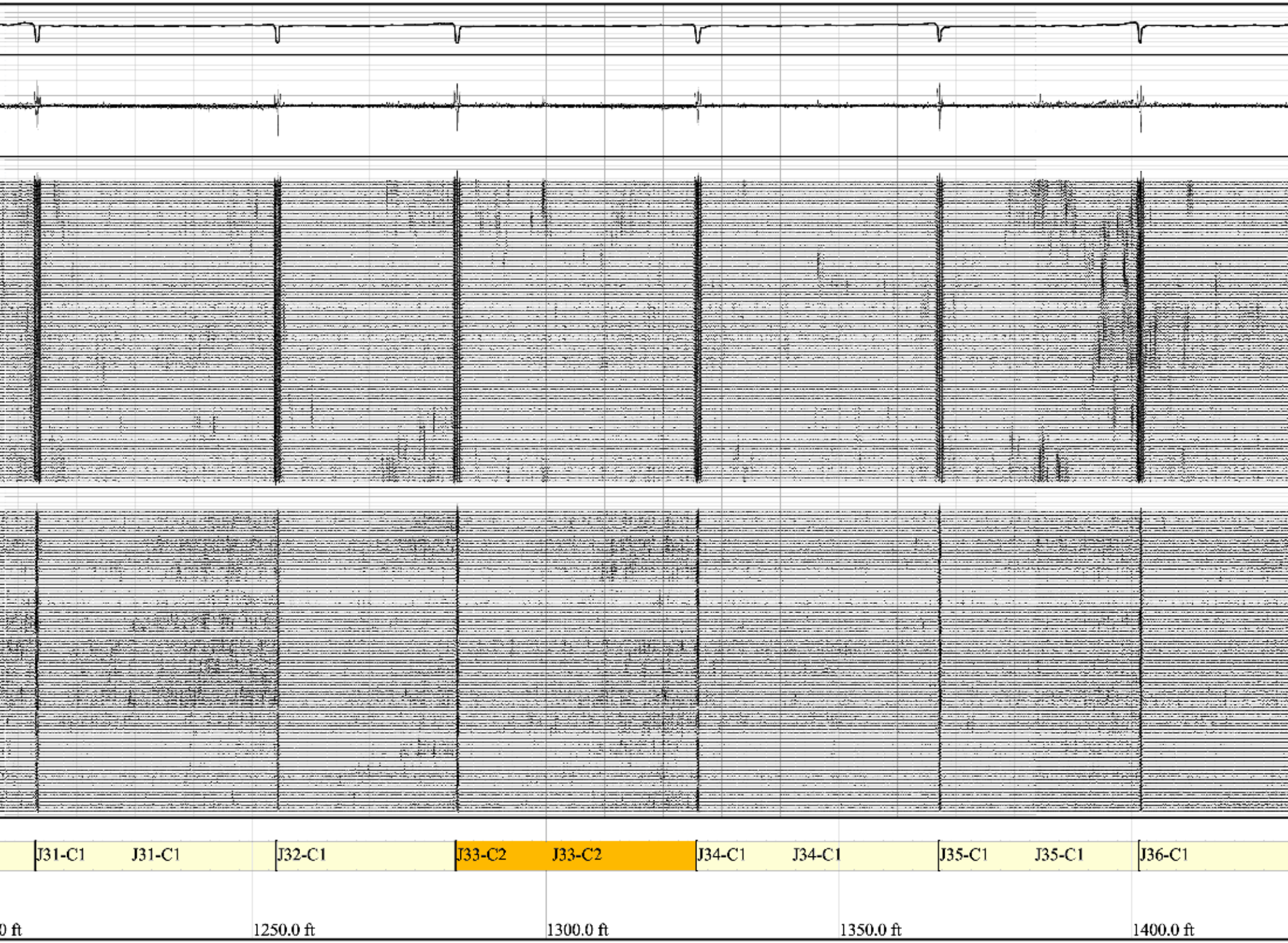

J4-C1
J4-C1
J5-C1
J5-C1
J6-C1
J6-C1
J7-C1
J7-C1
J8-C1
J8-C1
150.0 ft
200.0 ft
250.0 ft
300.0 ft

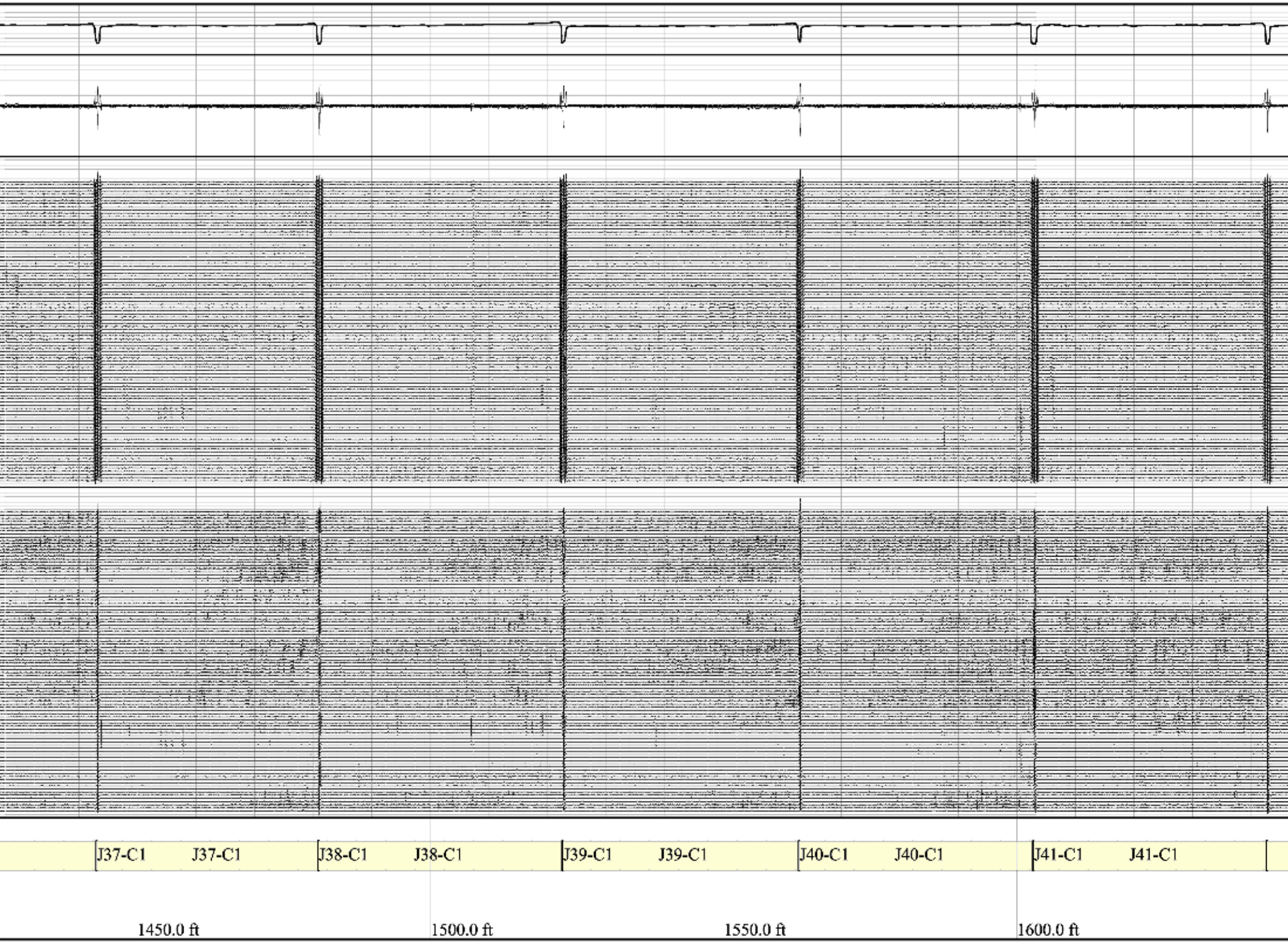

J9-C1
J9-C1
J10-C1
J10-C1
J11-C1
J11-C1
J12-C1
J12-C1
J13-C1
J13-C1
J14-C1
350.0 ft
400.0 ft
450.0 ft
500.0 ft

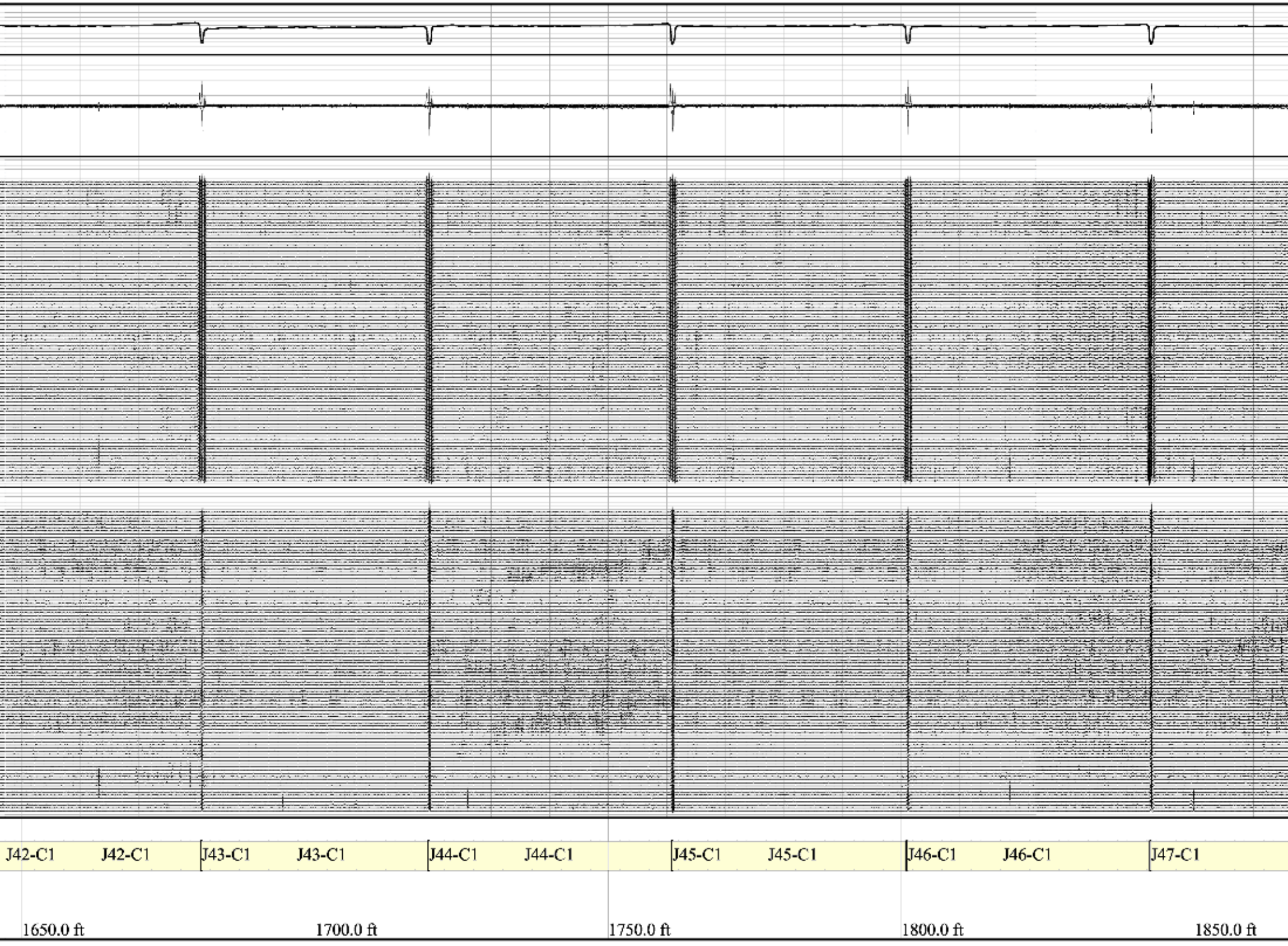

J14-C1
J15-C1
J15-C1
J16-C1
J16-C1
J17-C1
J17-C1
J18-C1
J18-C1
J19-C1
J19-C1
550.0 ft
600.0 ft
650.0 ft
700.0 ft
750.0 ft

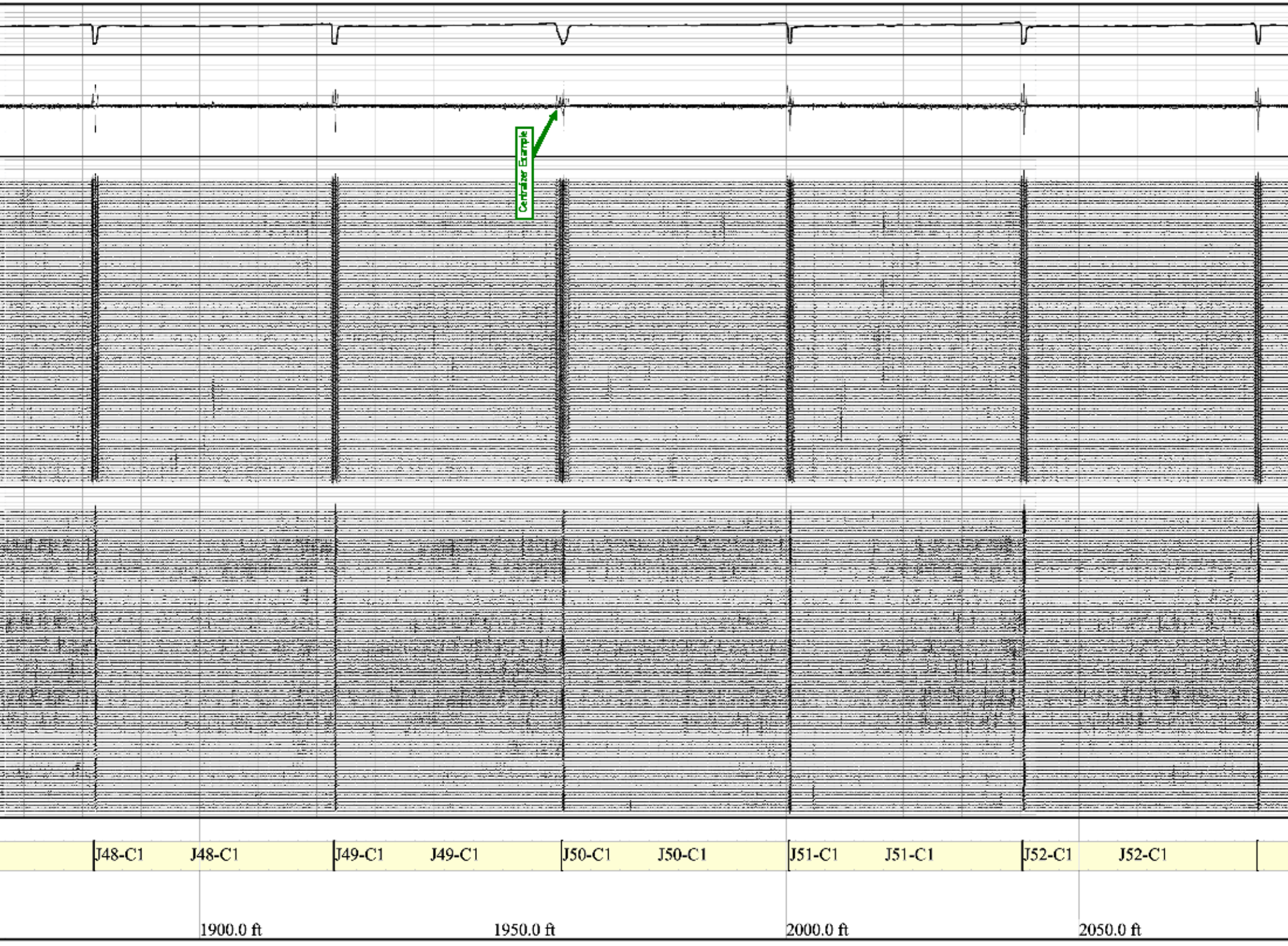

Bottom of 13.3/8" External Casing
J20-C1
J20-C1
J21-C1
J21-C1
J22-C1
J22-C1
J23-C1
J23-C1
J24-C1
J24-C1
800.0 ft
850.0 ft
900.0 ft
950.0 ft

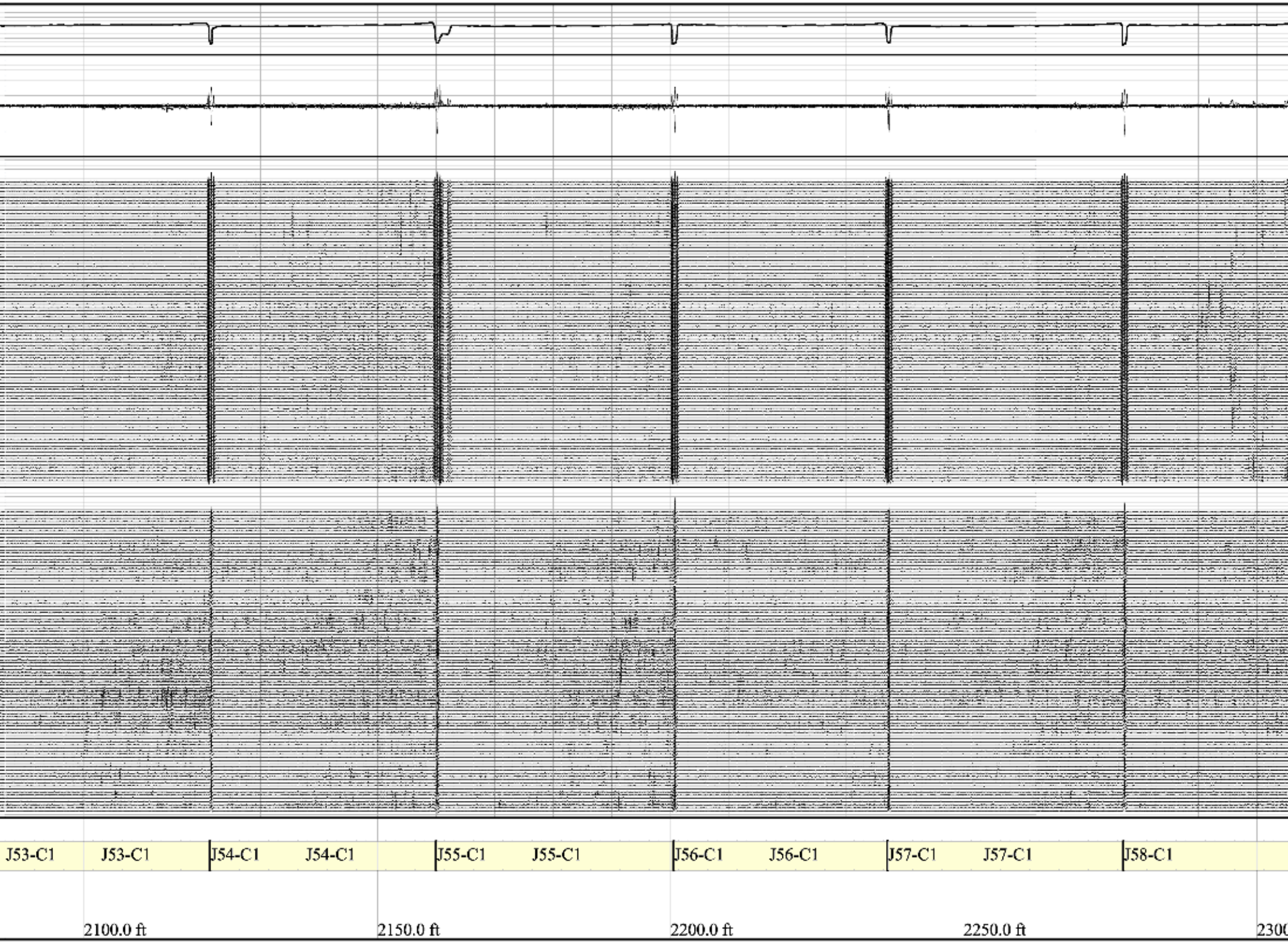

J25-C1
J26-C1
J26-C1
J27-C1
J27-C1
J28-C1
J28-C1
J29-C1
J29-C1
J30-C1
J30-C1
1000.0 ft
1050.0 ft
1100.0 ft
1150.0 ft

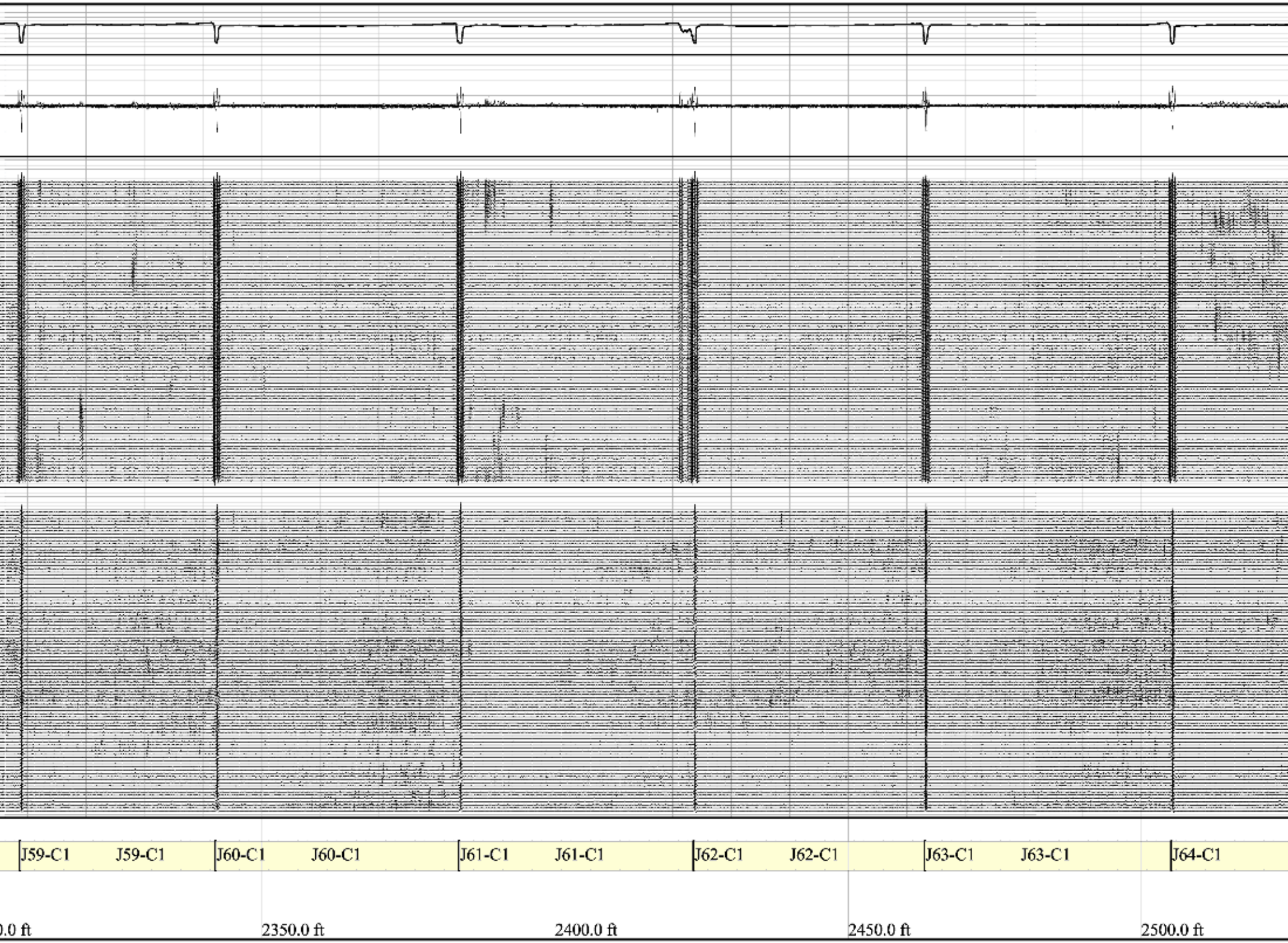

J31-C1
J31-C1
J32-C1
J33-C2
J33-C2
J34-C1
J34-C1
J35-C1
J35-C1
J36-C1
0 ft
1250.0 ft
1300.0 ft
1350.0 ft
1400.0 ft

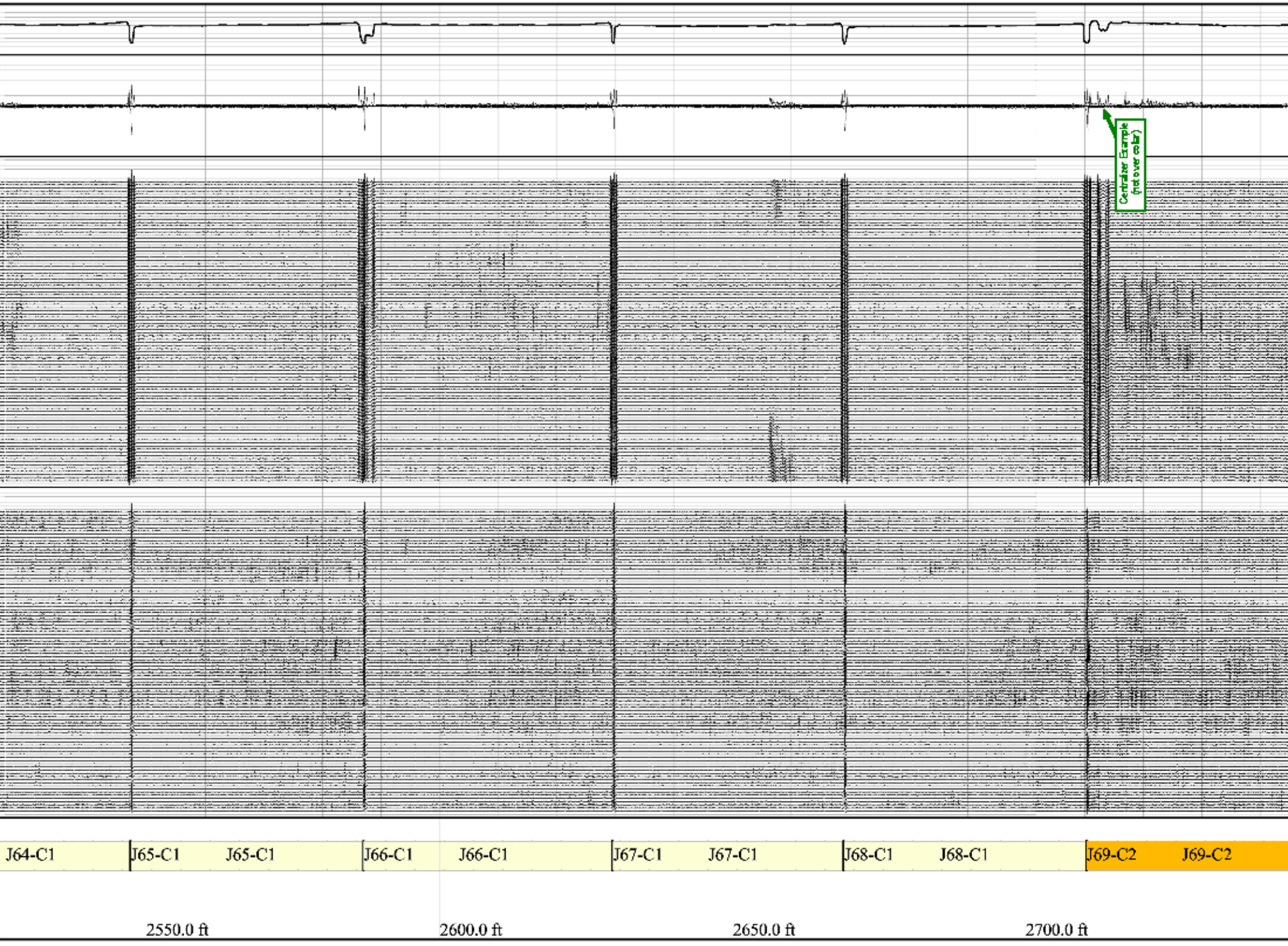

J37-C1
J37-C1
J38-C1
J38-C1
J39-C1
J39-C1
J40-C1
J40-C1
J41-C1
J41-C1
1450.0 ft
1500.0 ft
1550.0 ft
1600.0 ft

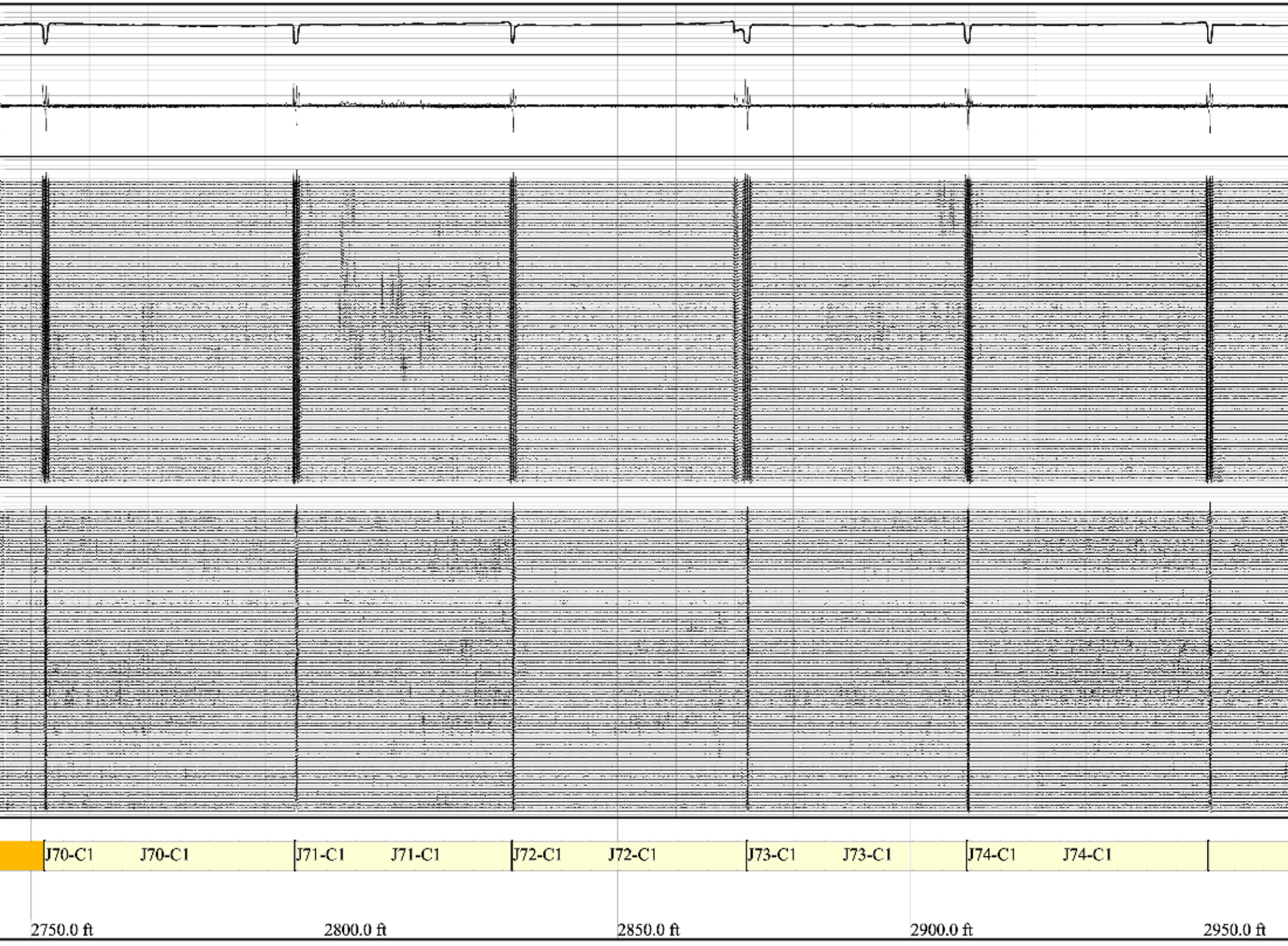

J42-C1
J42-C1
J43-C1
J43-C1
J44-C1
J44-C1
J45-C1
J45-C1
J46-C1
J46-C1
J47-C1
1650.0 ft
1700.0 ft
1750.0 ft
1800.0 ft
1850.0 ft

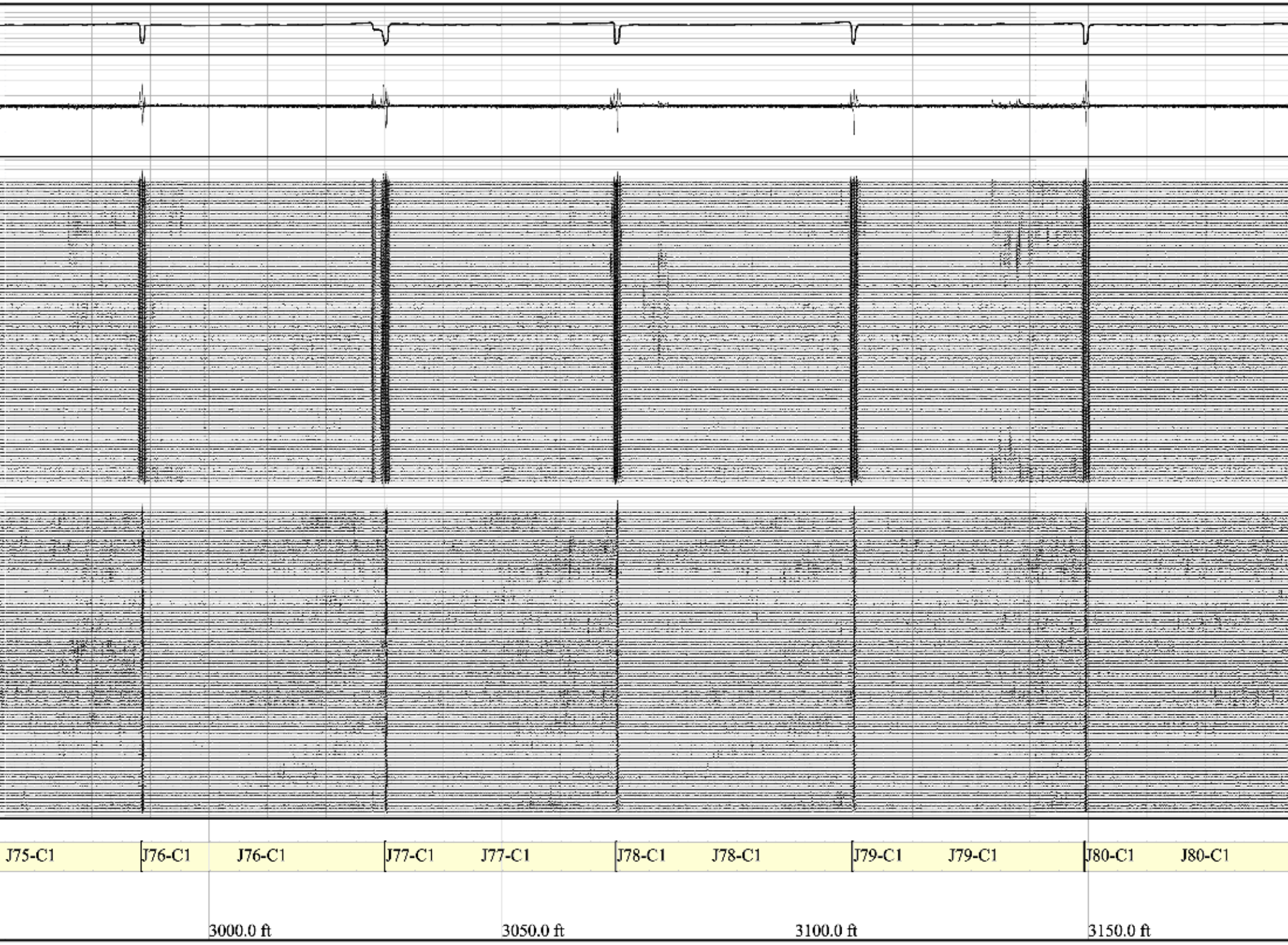

Centralizer Example
J48-C1
J48-C1
J49-C1
J49-C1
J50-C1
J50-C1
J51-C1
J51-C1
J52-C1
J52-C1
1900.0 ft
1950.0 ft
2000.0 ft
2050.0 ft

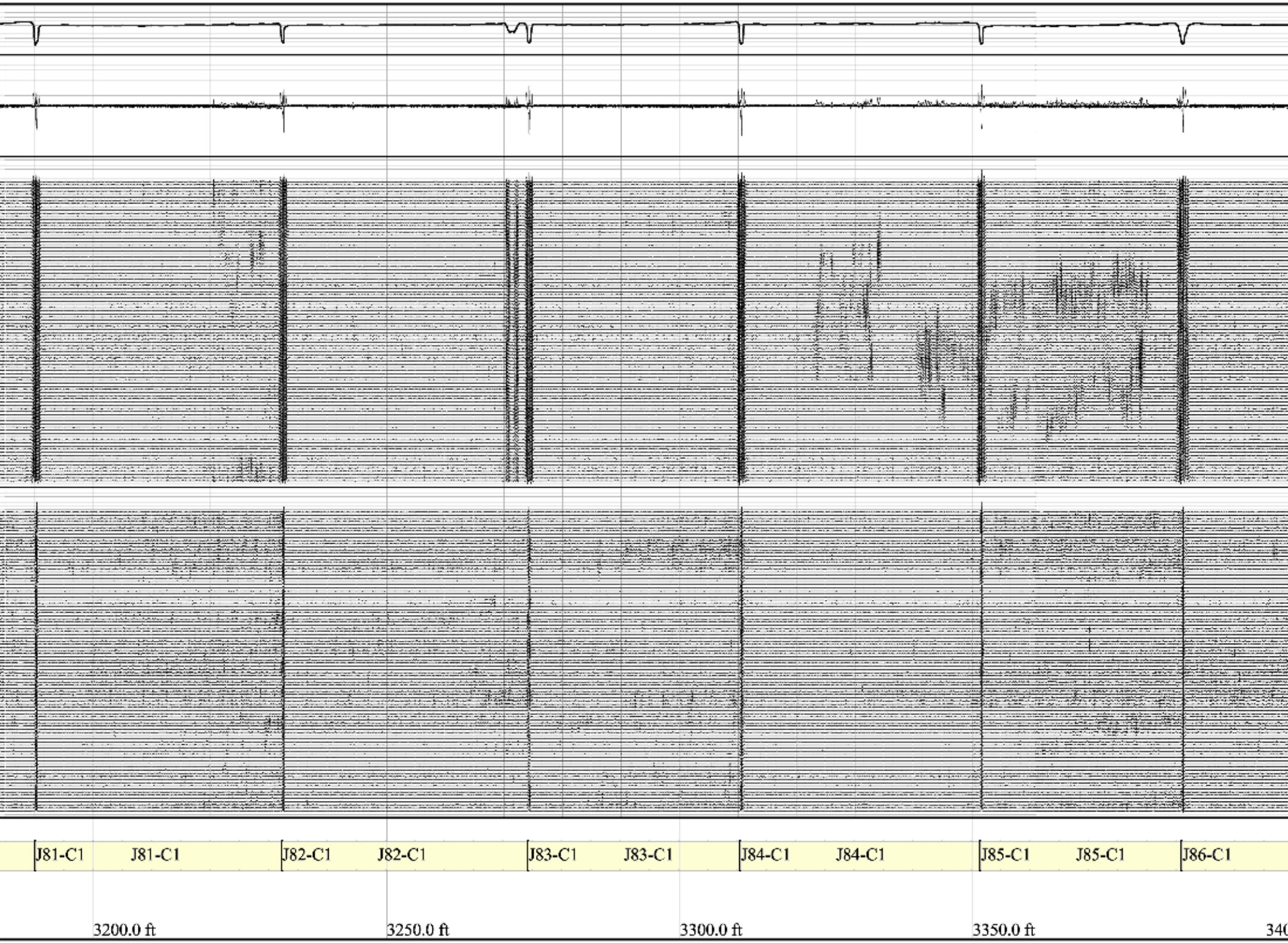

J53-C1
J53-C1
J54-C1
J54-C1
J55-C1
J55-C1
J56-C1
J56-C1
J57-C1
J57-C1
J58-C1
2100.0 ft
2150.0 ft
2200.0 ft
2250.0 ft

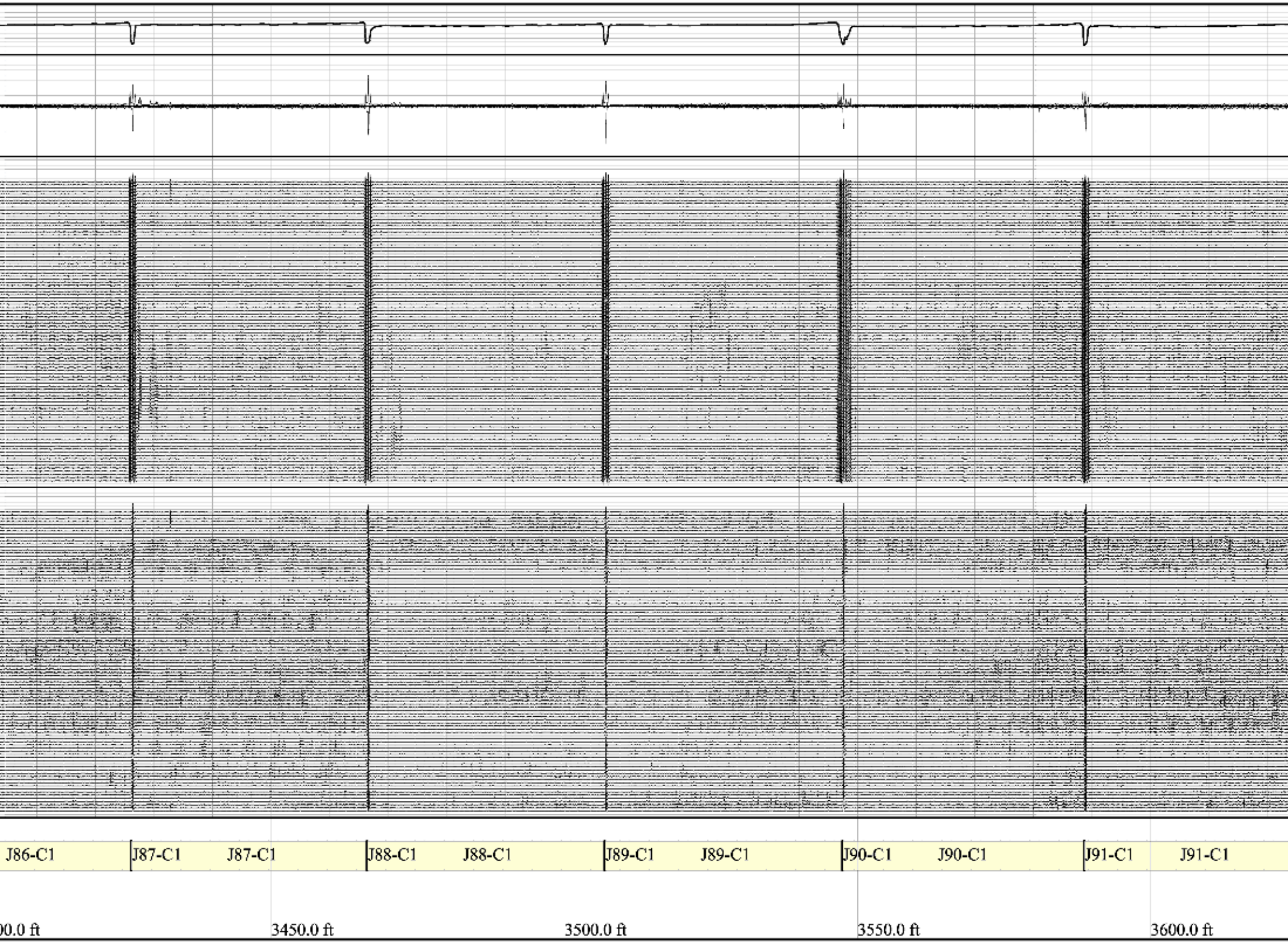

J59-C1
J59-C1
J60-C1
J60-C1
J61-C1
J61-C1
J62-C1
J62-C1
J63-C1
J63-C1
J64-C1
0.0 ft
2350.0 ft
2400.0 ft
2450.0 ft
2500.0 ft

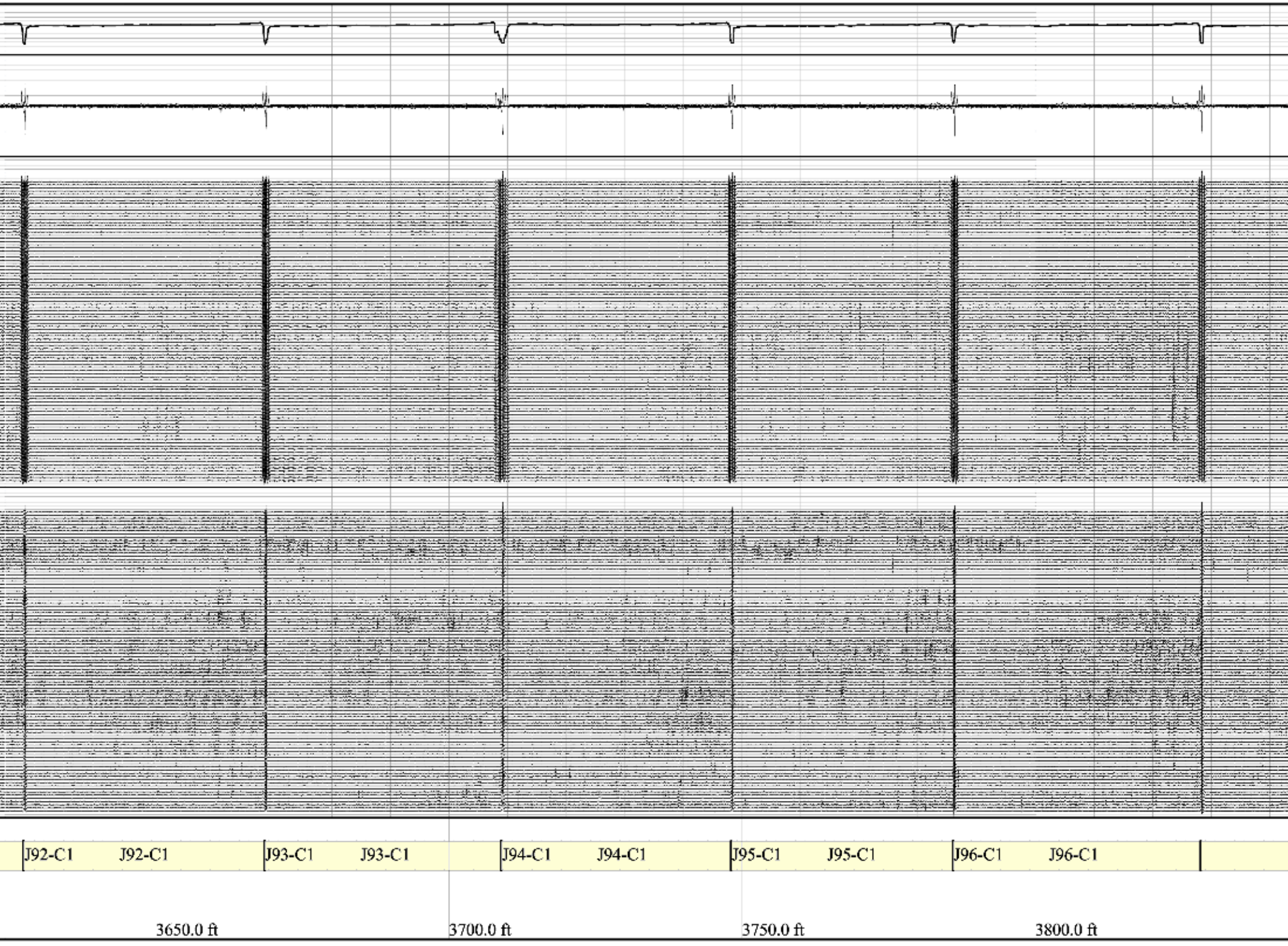

Centralizer Example
(not over collar)
J64-C1
J65-C1
J65-C1
J66-C1
J66-C1
J67-C1
J67-C1
J68-C1
J68-C1
J69-C2
J69-C2
2550.0 ft
2600.0 ft
2650.0 ft
2700.0 ft

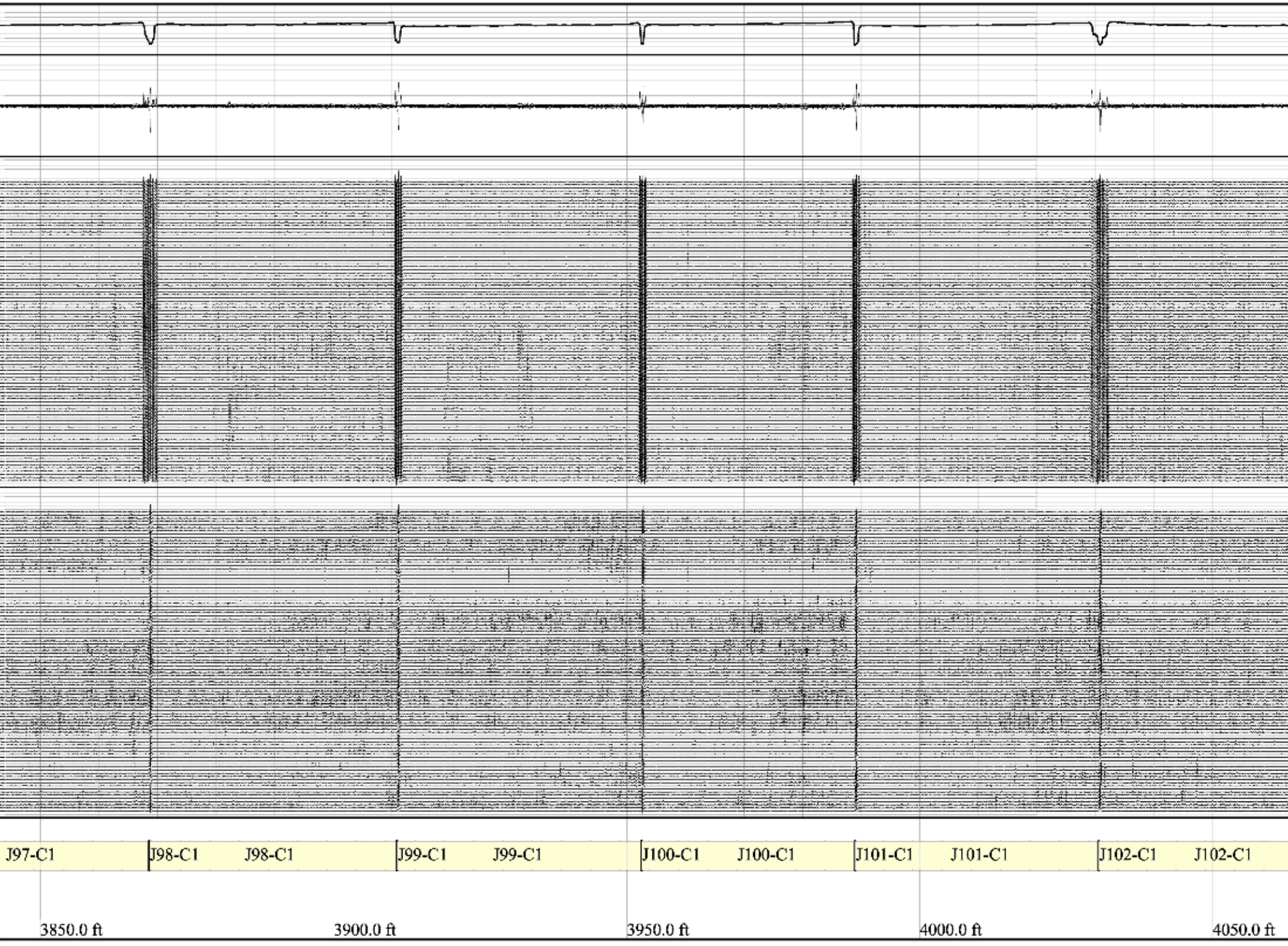

J70-C1
J70-C1
J71-C1
J71-C1
J72-C1
J72-C1
J73-C1
J73-C1
J74-C1
J74-C1
2750.0 ft
2800.0 ft
2850.0 ft
2900.0 ft
2950.0 ft

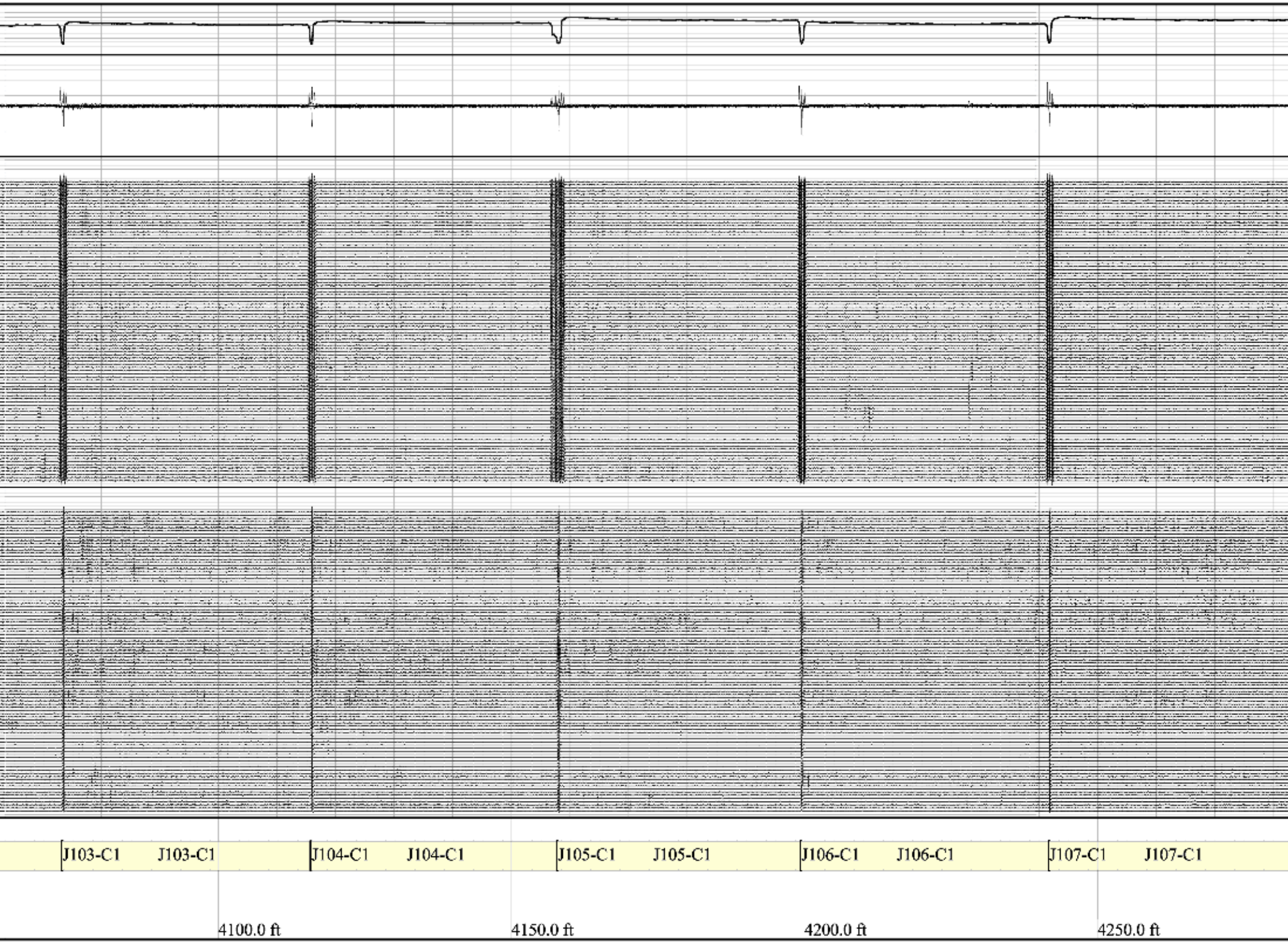

J75-C1
J76-C1
J76-C1
J77-C1
J77-C1
J78-C1
J78-C1
J79-C1
J79-C1
J80-C1
J80-C1
3000.0 ft
3050.0 ft
3100.0 ft
3150.0 ft

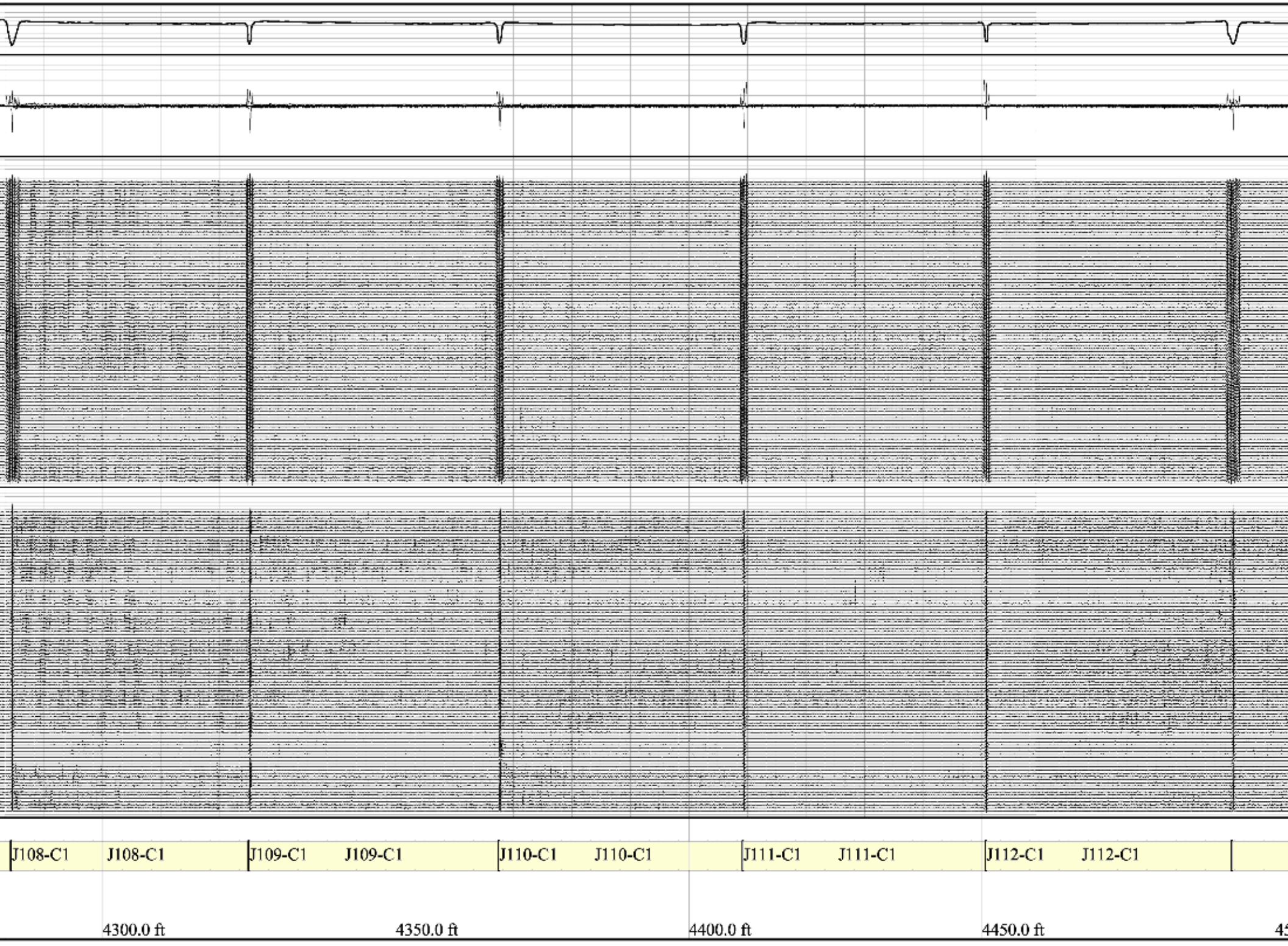

J81-C1
J81-C1
J82-C1
J82-C1
J83-C1
J83-C1
J84-C1
J84-C1
J85-C1
J85-C1
J86-C1
3200.0 ft
3250.0 ft
3300.0 ft
3350.0 ft

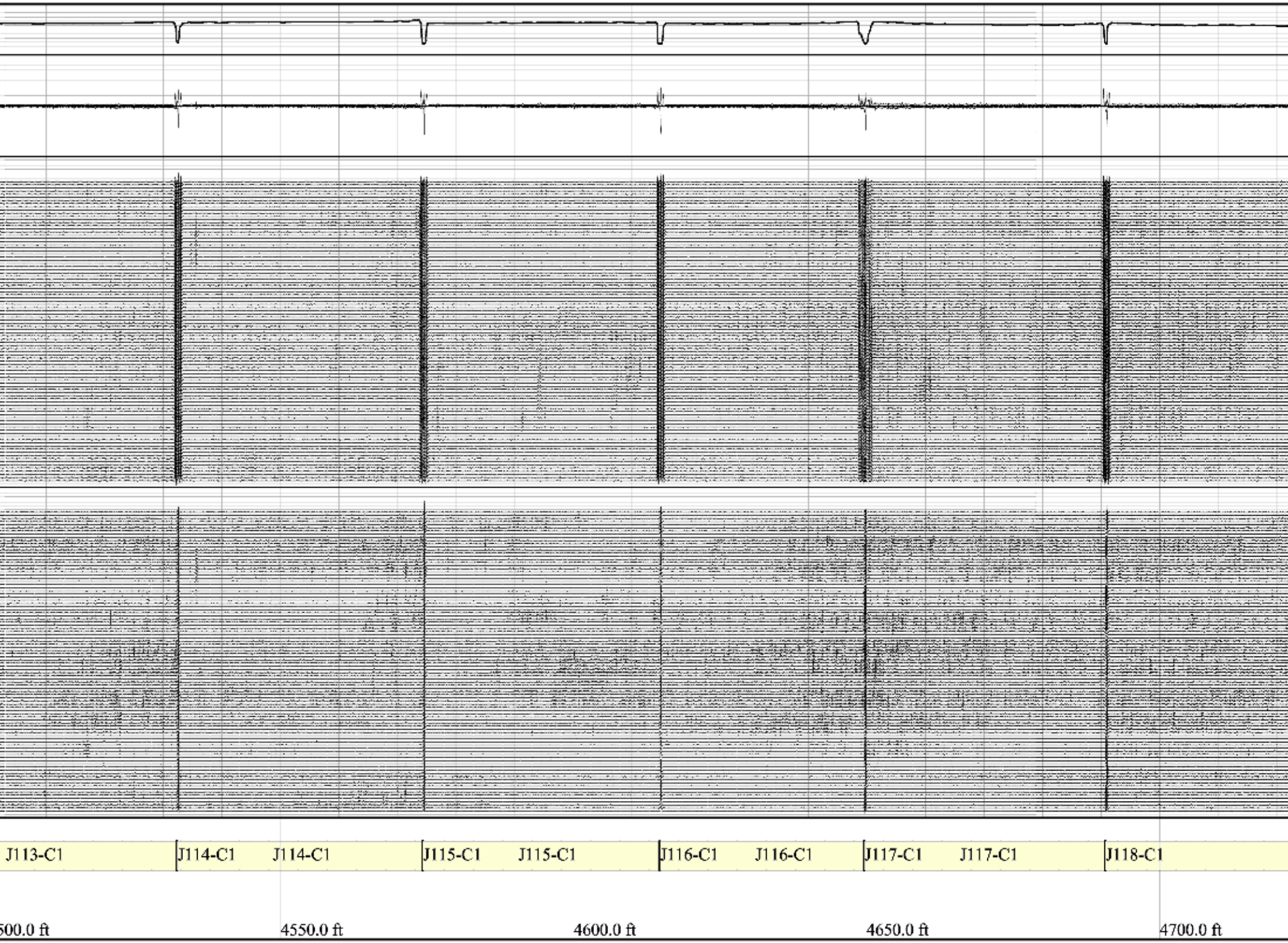

J86-C1
J87-C1
J87-C1
J88-C1
J88-C1
J89-C1
J89-C1
J90-C1
J90-C1
J91-C1
J91-C1
00.0 ft
3450.0 ft
3500.0 ft
3550.0 ft
3600.0 ft

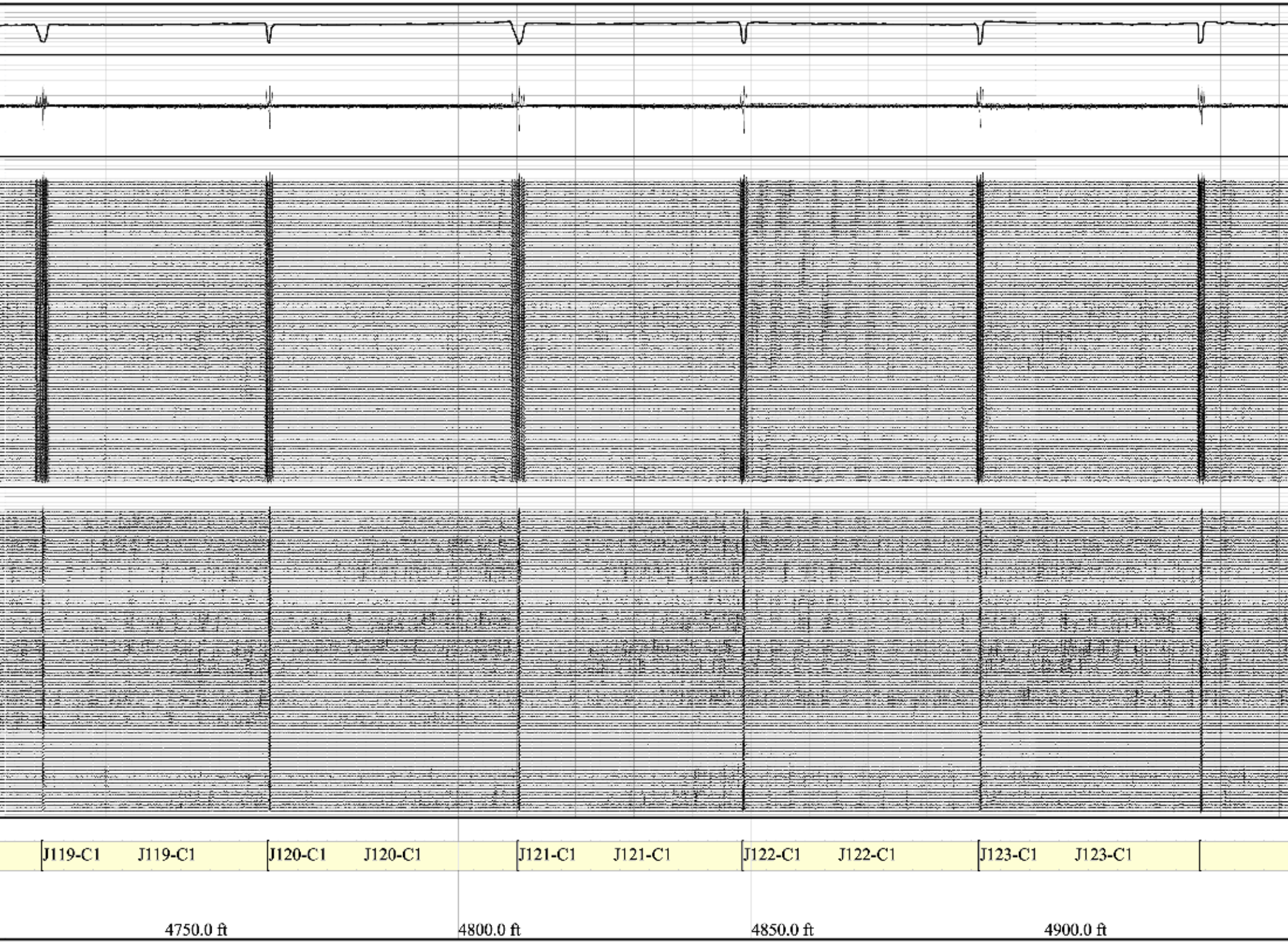

J92-C1
J92-C1
J93-C1
J93-C1
J94-C1
J94-C1
J95-C1
J95-C1
J96-C1
J96-C1
3650.0 ft
3700.0 ft
3750.0 ft
3800.0 ft

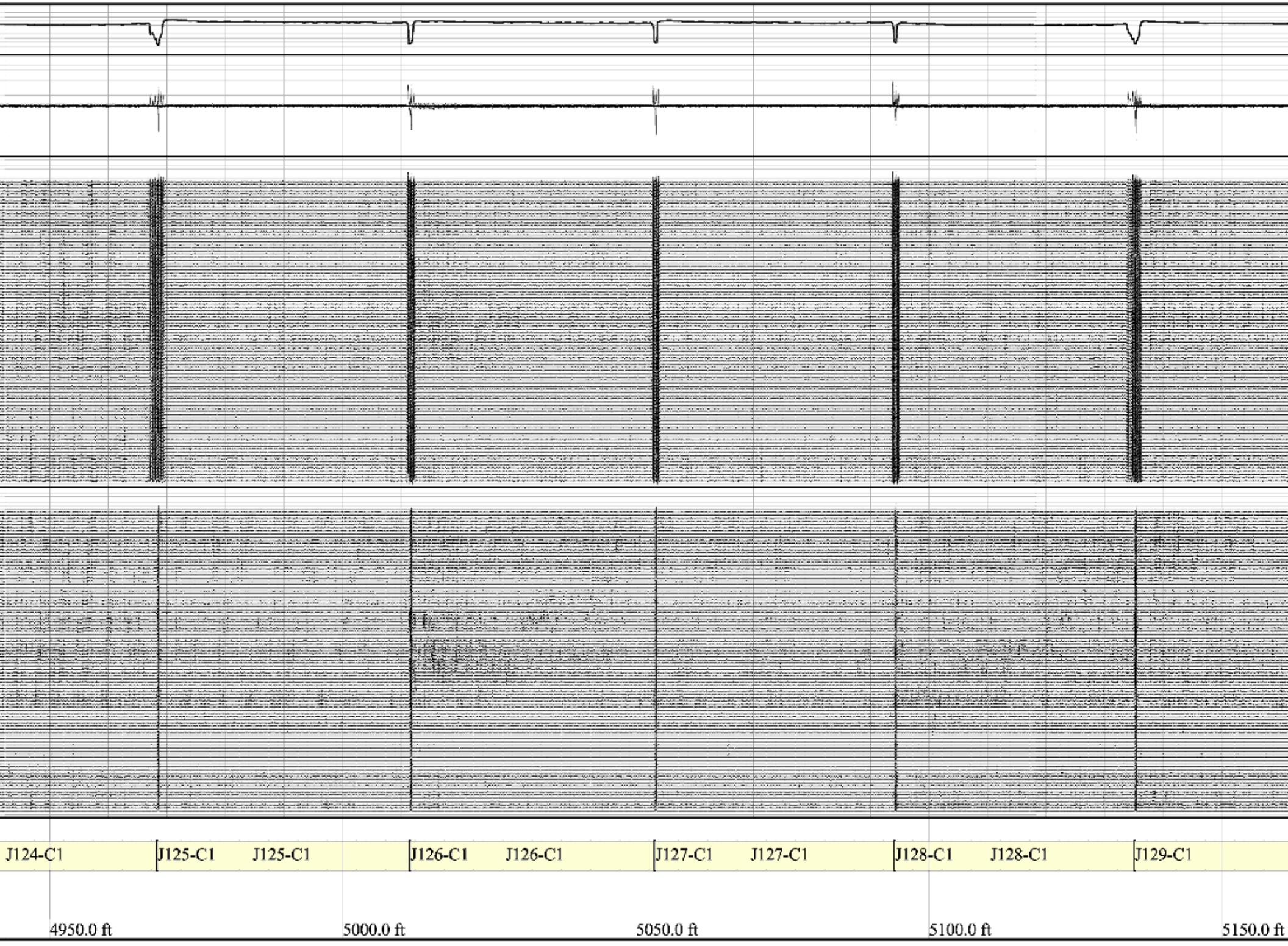

J97-C1
J98-C1
J98-C1
J99-C1
J99-C1
J100-C1
J100-C1
J101-C1
J101-C1
J102-C1
J102-C1
3850.0 ft
3900.0 ft
3950.0 ft
4000.0 ft
4050.0 ft

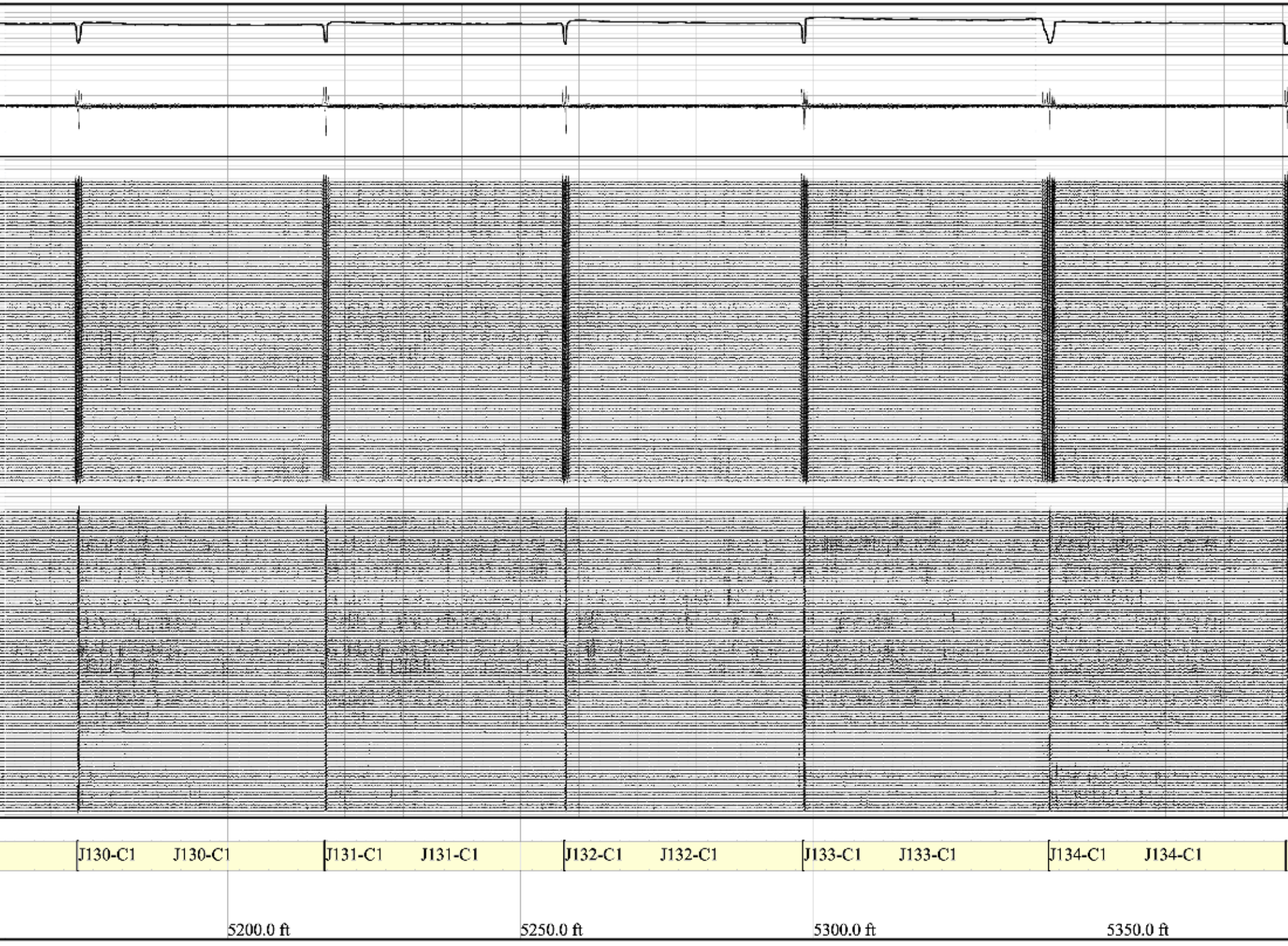

J103-C1
J103-C1
J104-C1
J104-C1
J105-C1
J105-C1
J106-C1
J106-C1
J107-C1
J107-C1
4100.0 ft
4150.0 ft
4200.0 ft
4250.0 ft

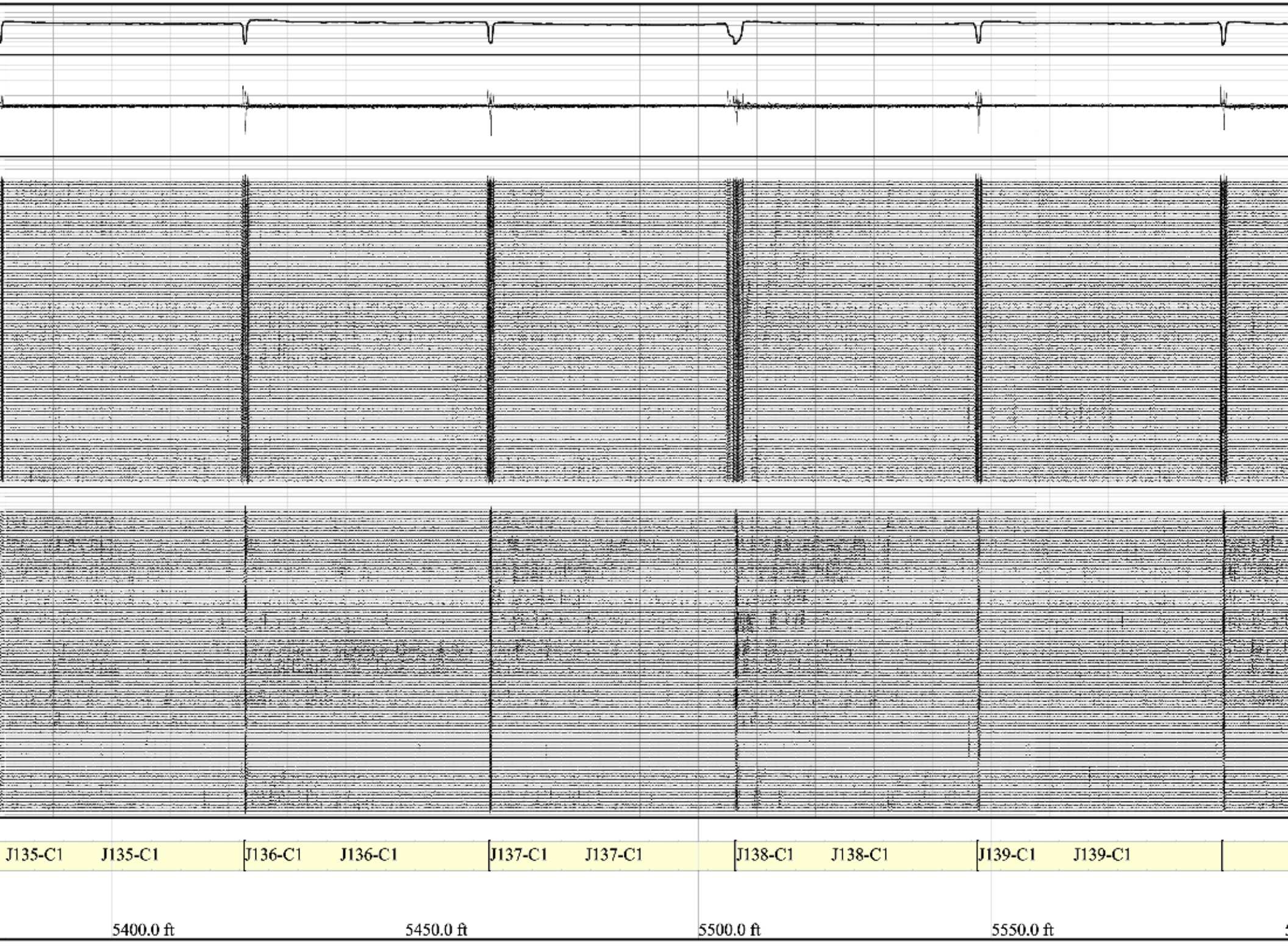

J108-C1
J108-C1
J109-C1
J109-C1
J110-C1
J110-C1
J111-C1
J111-C1
J112-C1
J112-C1
4300.0 ft
4350.0 ft
4400.0 ft
4450.0 ft

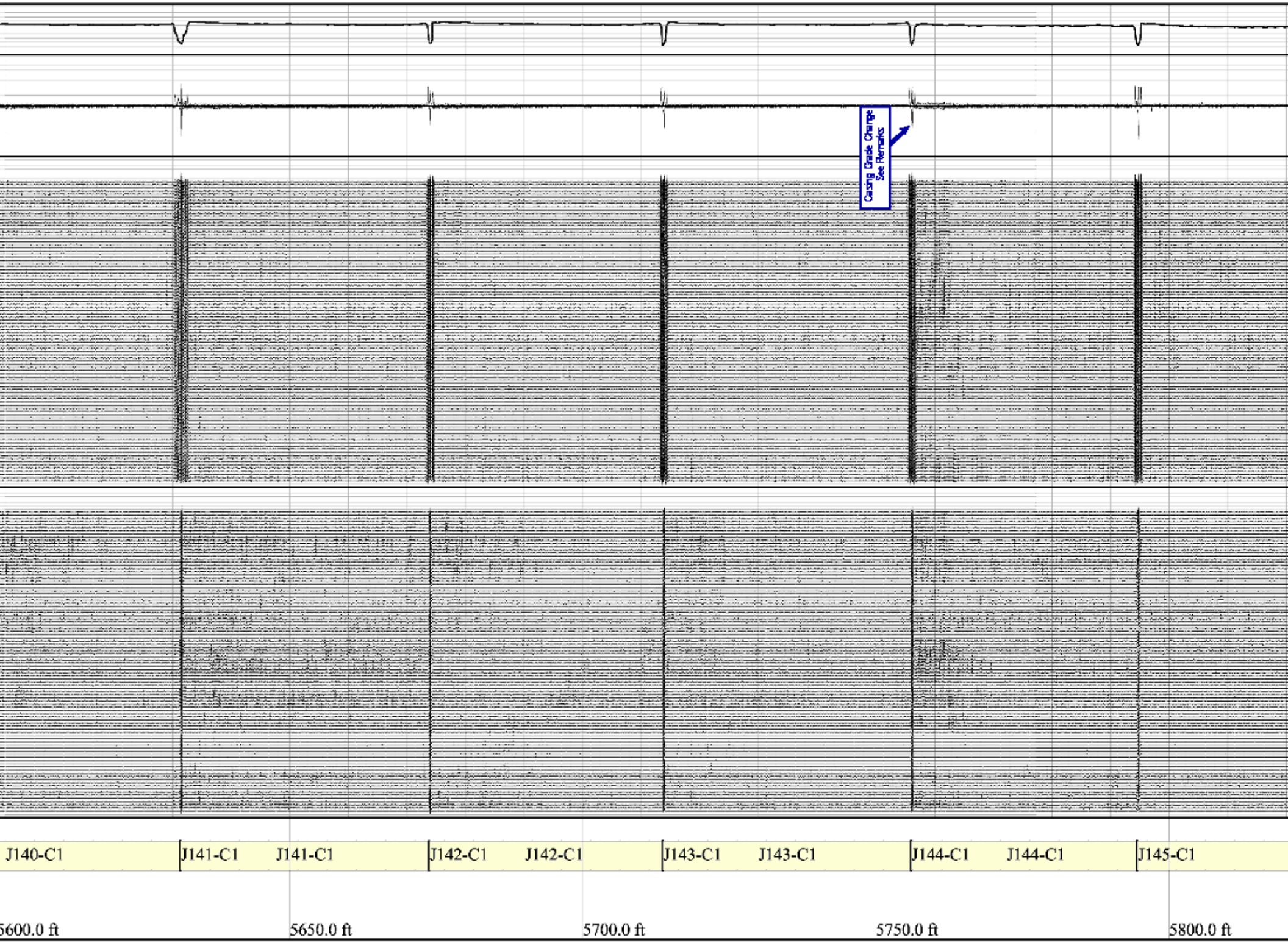

J113-C1
J114-C1
J114-C1
J115-C1
J115-C1
J116-C1
J116-C1
J117-C1
J117-C1
J118-C1
500.0 ft
4550.0 ft
4600.0 ft
4650.0 ft
4700.0 ft

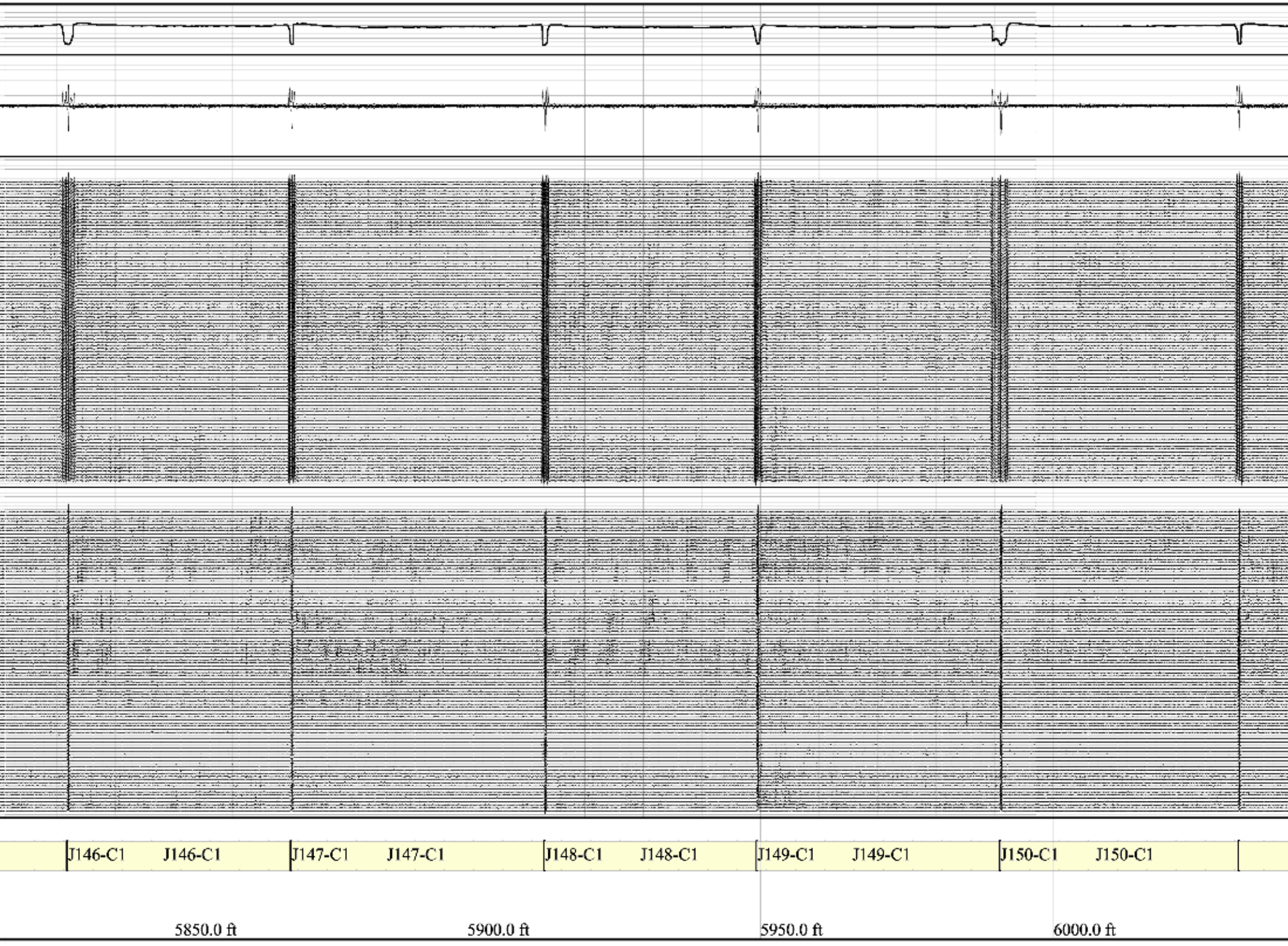

J119-C1
J119-C1
J120-C1
J120-C1
J121-C1
J121-C1
J122-C1
J122-C1
J123-C1
J123-C1
4750.0 ft
4800.0 ft
4850.0 ft
4900.0 ft

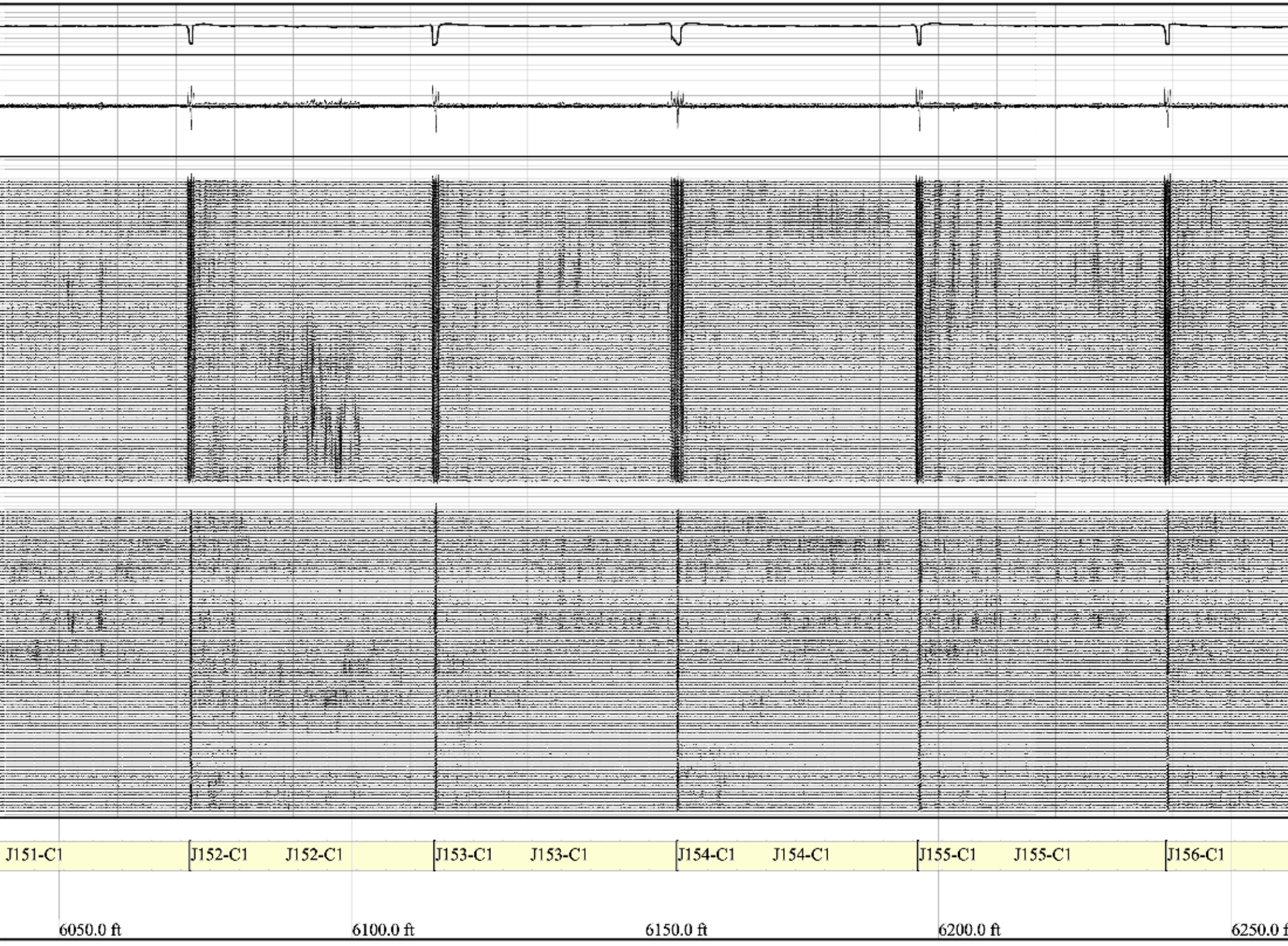

J124-C1
J125-C1
J125-C1
J126-C1
J126-C1
J127-C1
J127-C1
J128-C1
J128-C1
J129-C1
4950.0 ft
5000.0 ft
5050.0 ft
5100.0 ft
5150.0 ft

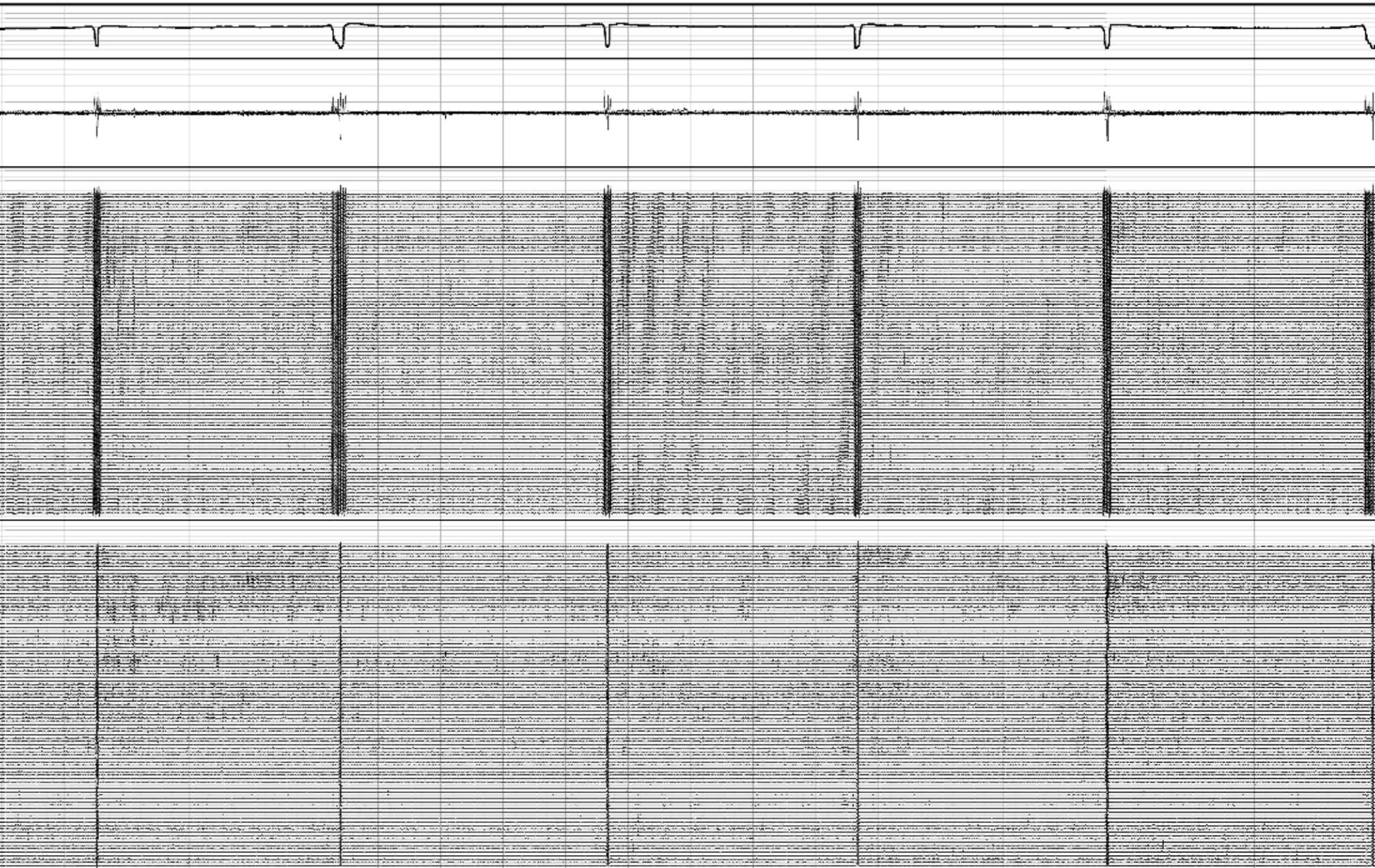

J130-C1
J130-C1
J131-C1
J131-C1
J132-C1
J132-C1
J133-C1
J133-C1
J134-C1
J134-C1
5200.0 ft
5250.0 ft
5300.0 ft
5350.0 ft


J135-C1
J135-C1
J136-C1
J136-C1
J137-C1
J137-C1
J138-C1
J138-C1
J139-C1
J139-C1
5400.0 ft
5450.0 ft
5500.0 ft
5550.0 ft


Casing Grade Change
See Remarks
J140-C1
J141-C1
J141-C1
J142-C1
J142-C1
J143-C1
J143-C1
J144-C1
J144-C1
J145-C1
5600.0 ft
5650.0 ft
5700.0 ft
5750.0 ft
5800.0 ft

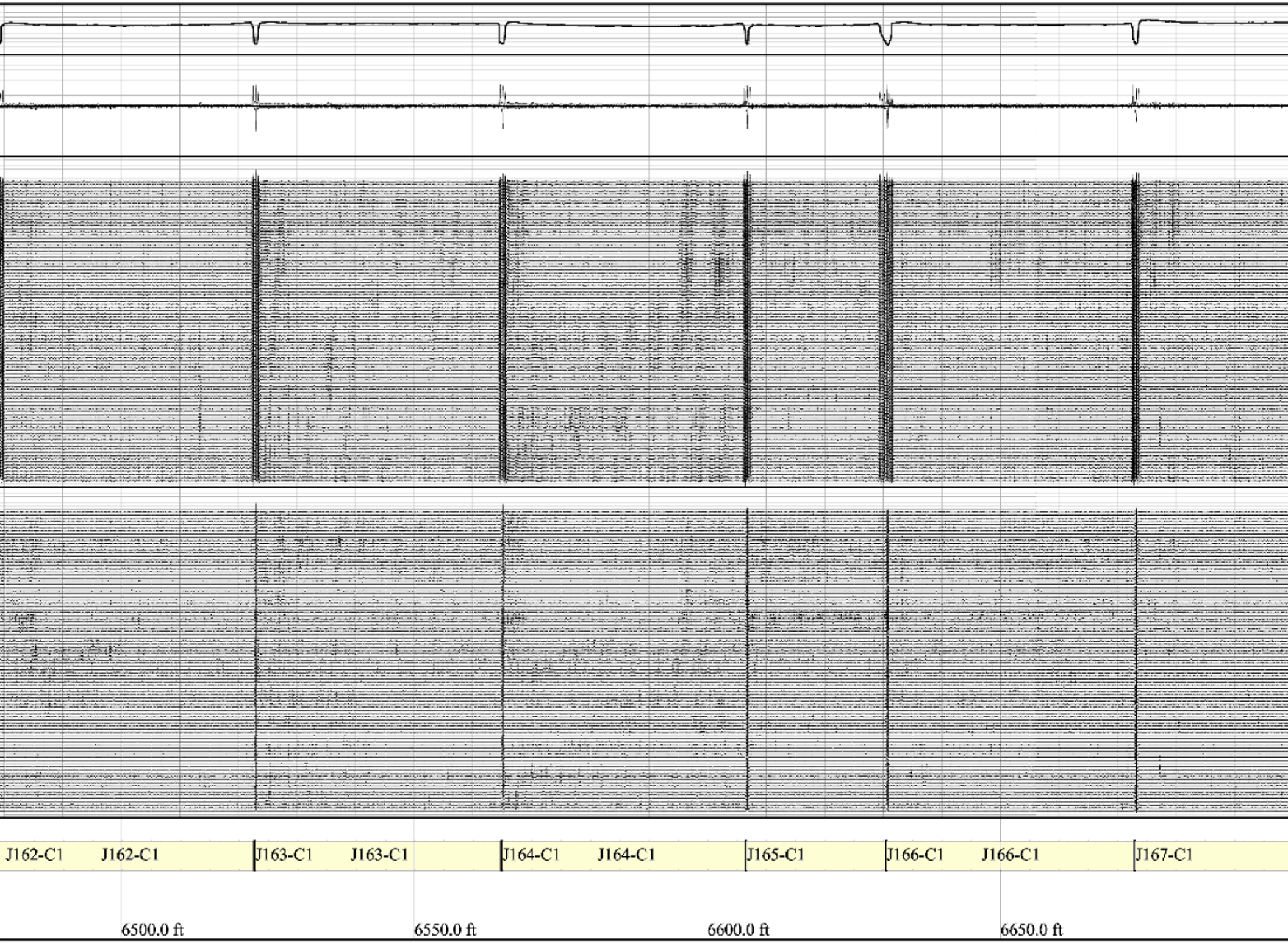

J146-C1
J146-C1
J147-C1
J147-C1
J148-C1
J148-C1
J149-C1
J149-C1
J150-C1
J150-C1
5850.0 ft
5900.0 ft
5950.0 ft
6000.0 ft

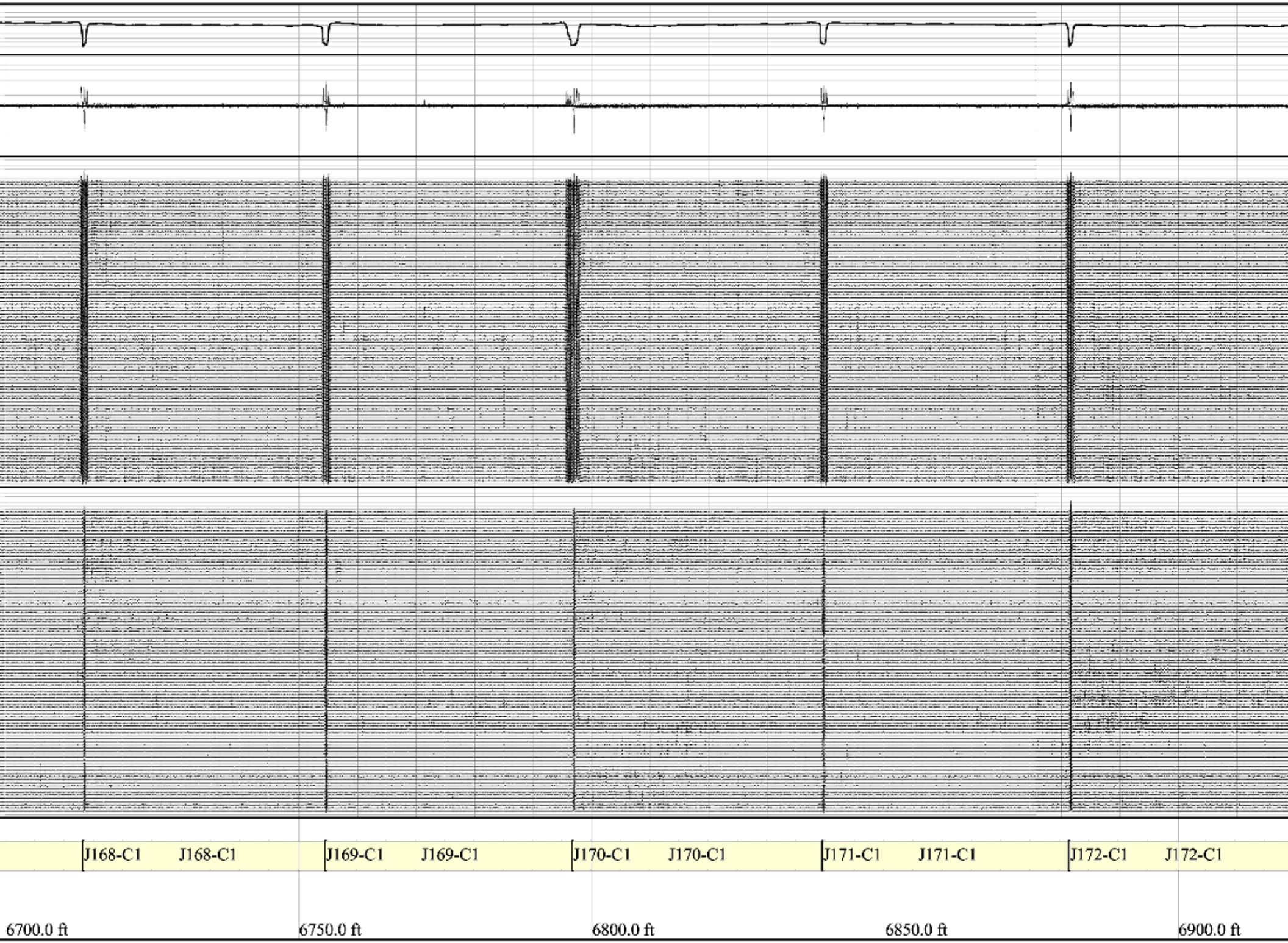

J151-C1
J152-C1
J152-C1
J153-C1
J153-C1
J154-C1
J154-C1
J155-C1
J155-C1
J156-C1
6050.0 ft
6100.0 ft
6150.0 ft
6200.0 ft
6250.0 f

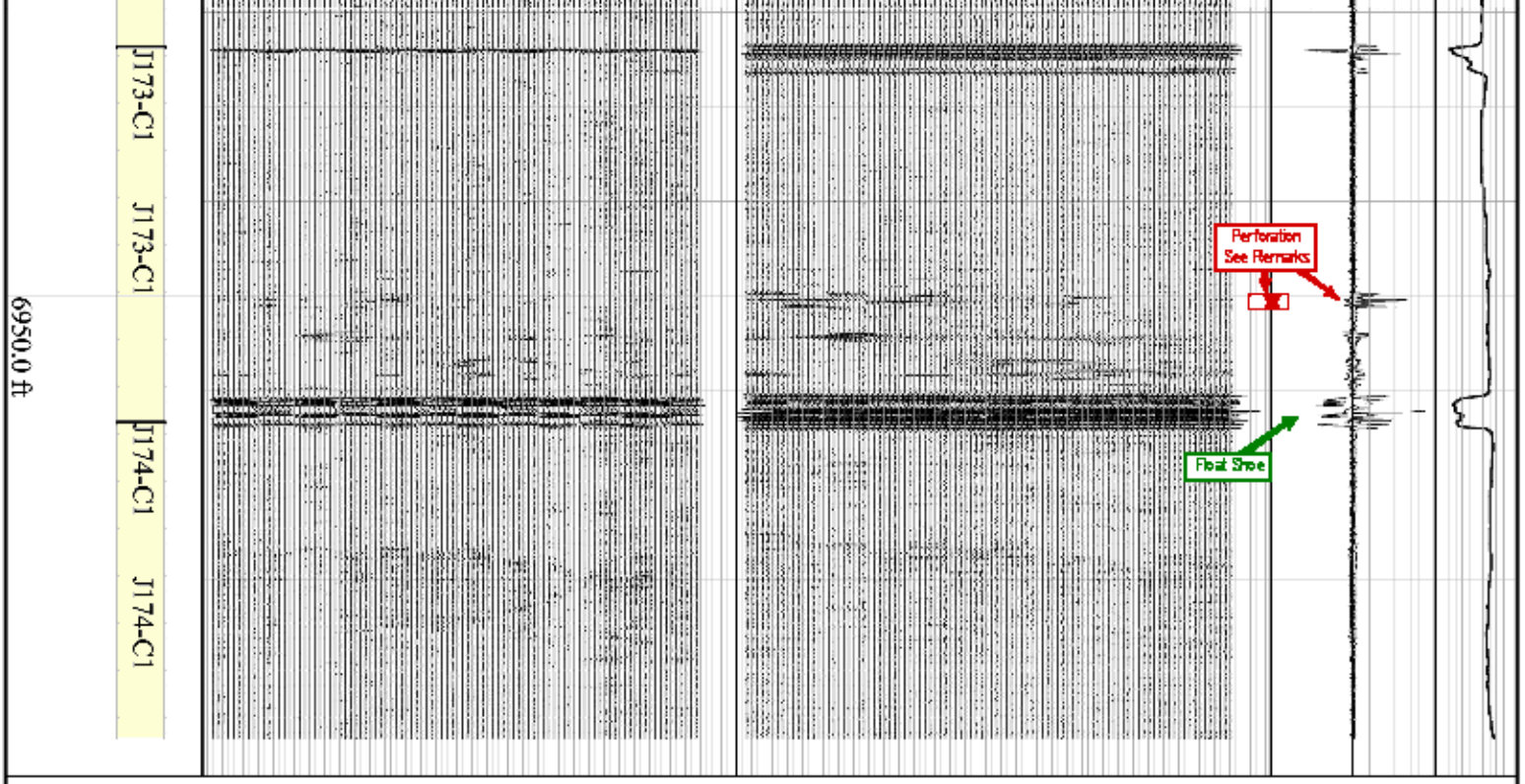


J157-C1 J157-C1 J158-C1 J158-C1 J159-C1 J159-C1 J160-C1 J160-C1 J161-C1 J161-C1

ft 6300.0 ft 6350.0 ft 6400.0 ft 6450.0 ft


J162-C1
J162-C1
J163-C1
J163-C1
J164-C1
J164-C1
J165-C1
J166-C1
J166-C1
J167-C1
6500.0 ft
6550.0 ft
6600.0 ft
6650.0 ft


J168-C1
J168-C1
J169-C1
J169-C1
J170-C1
J170-C1
J171-C1
J171-C1
J172-C1
J172-C1
6700.0 ft
6750.0 ft
6800.0 ft
6850.0 ft
6900.0 ft



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